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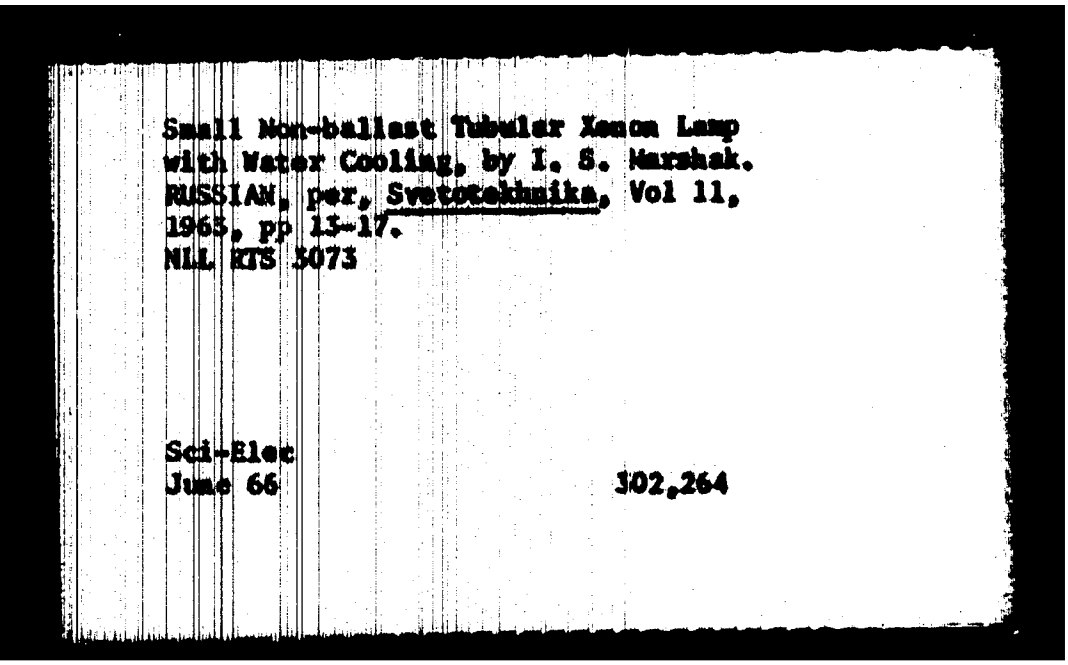

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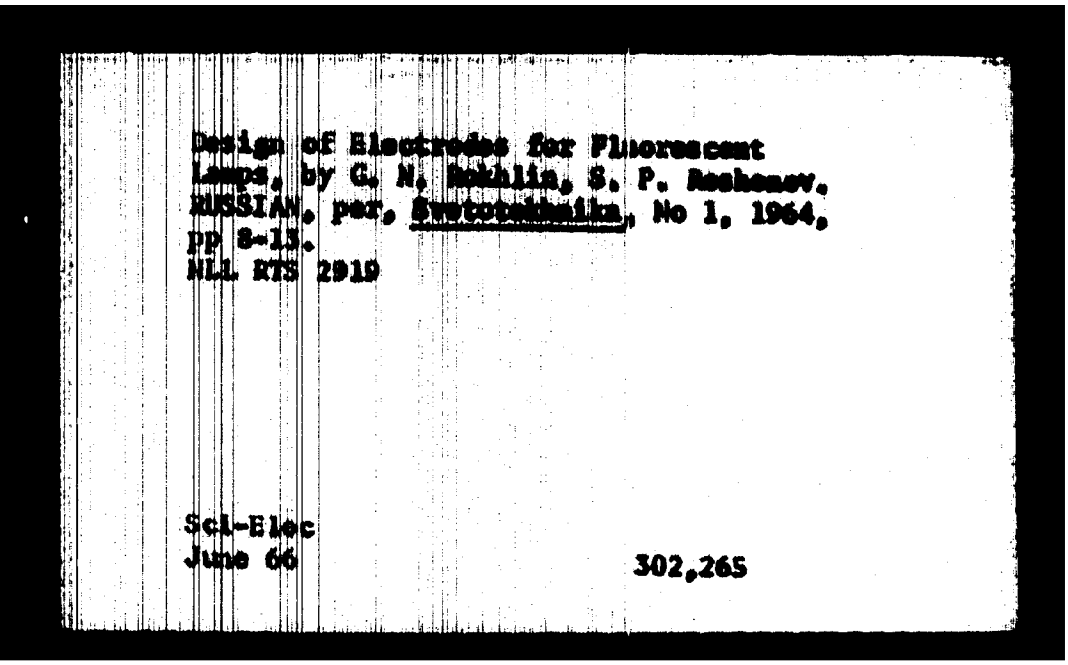

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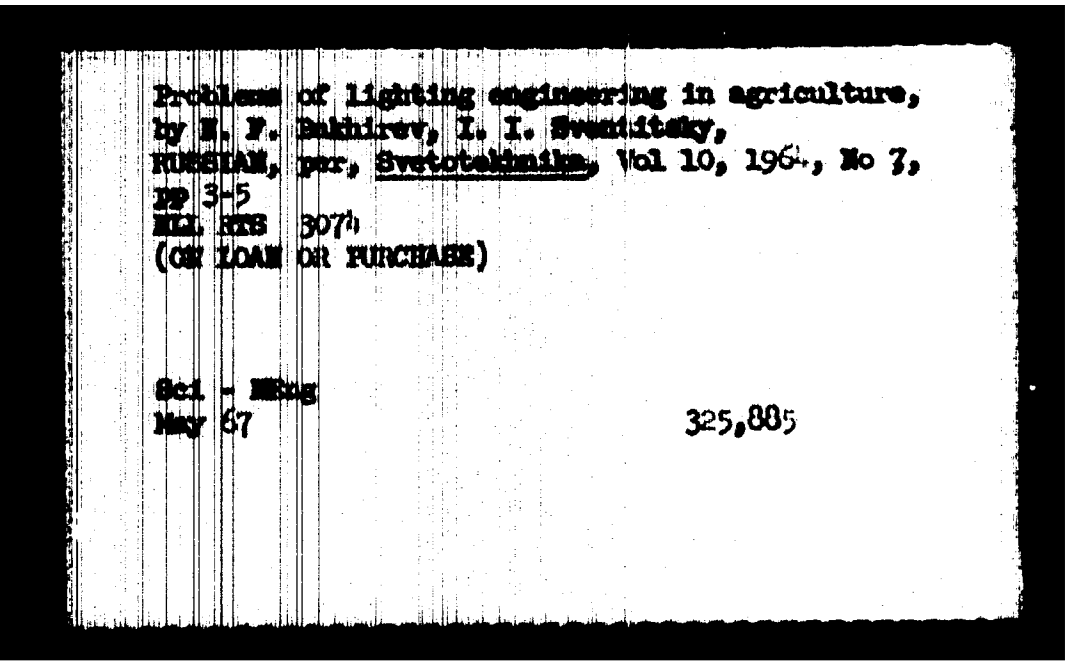

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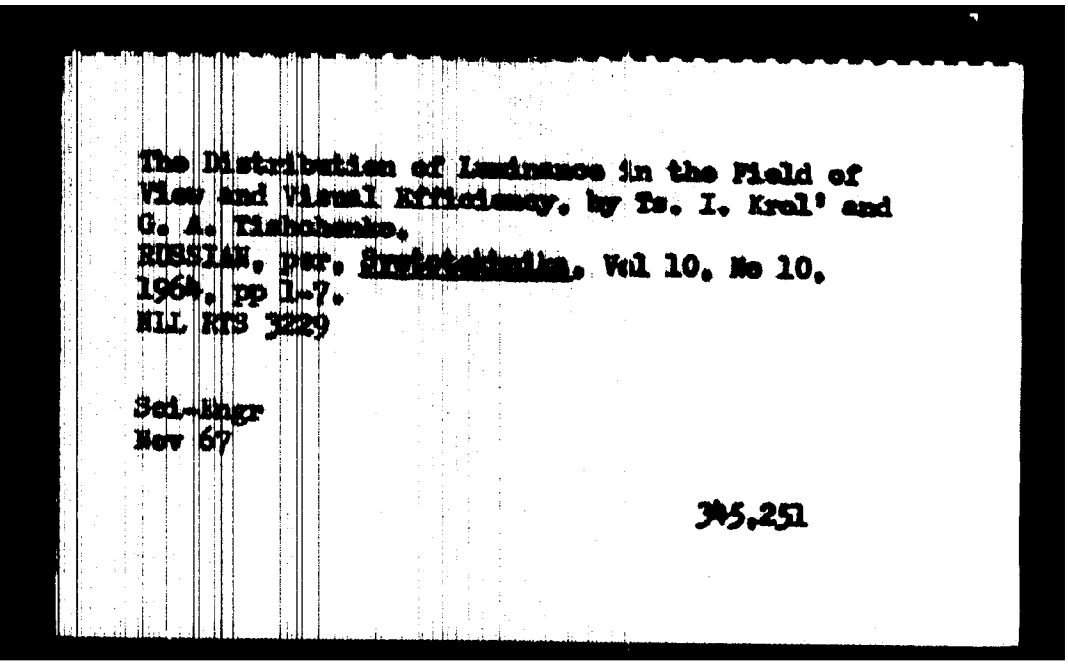

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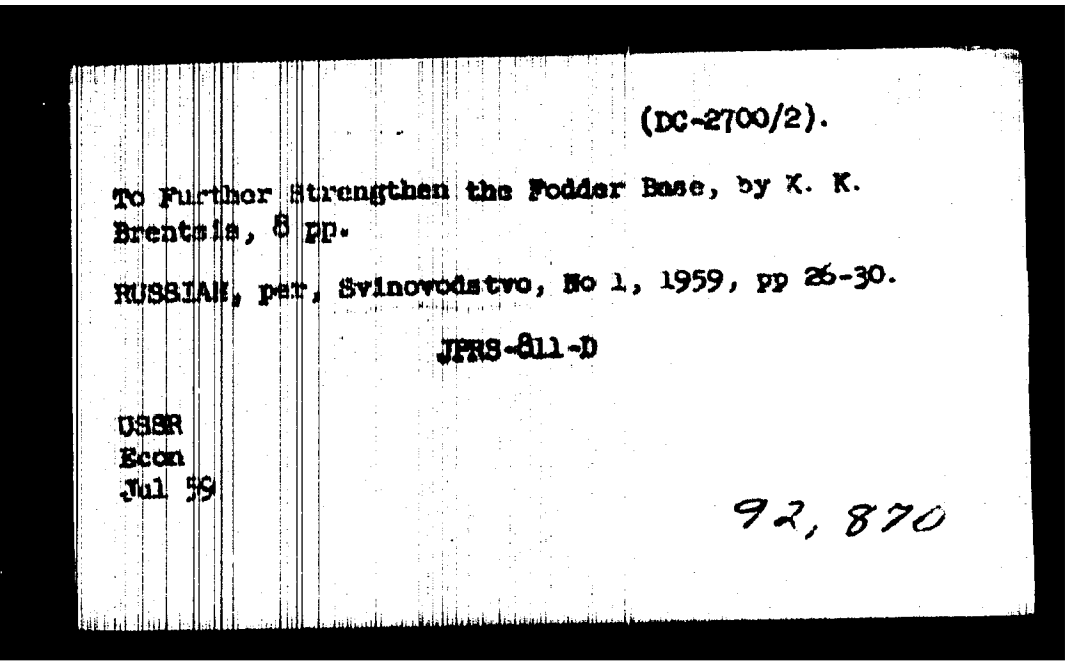

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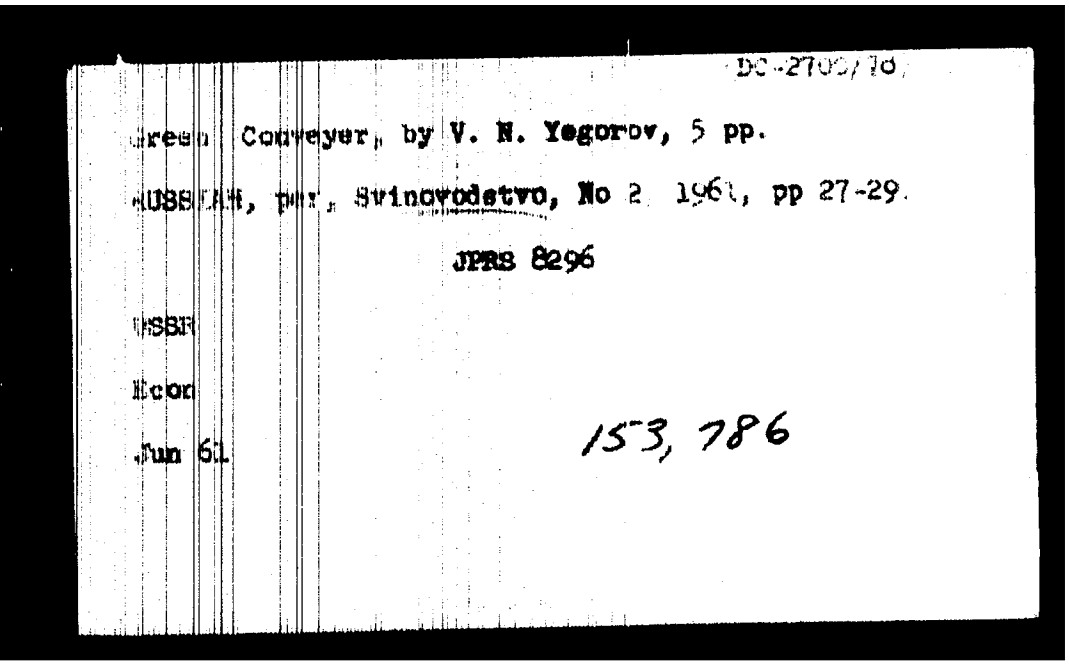

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4 May 61

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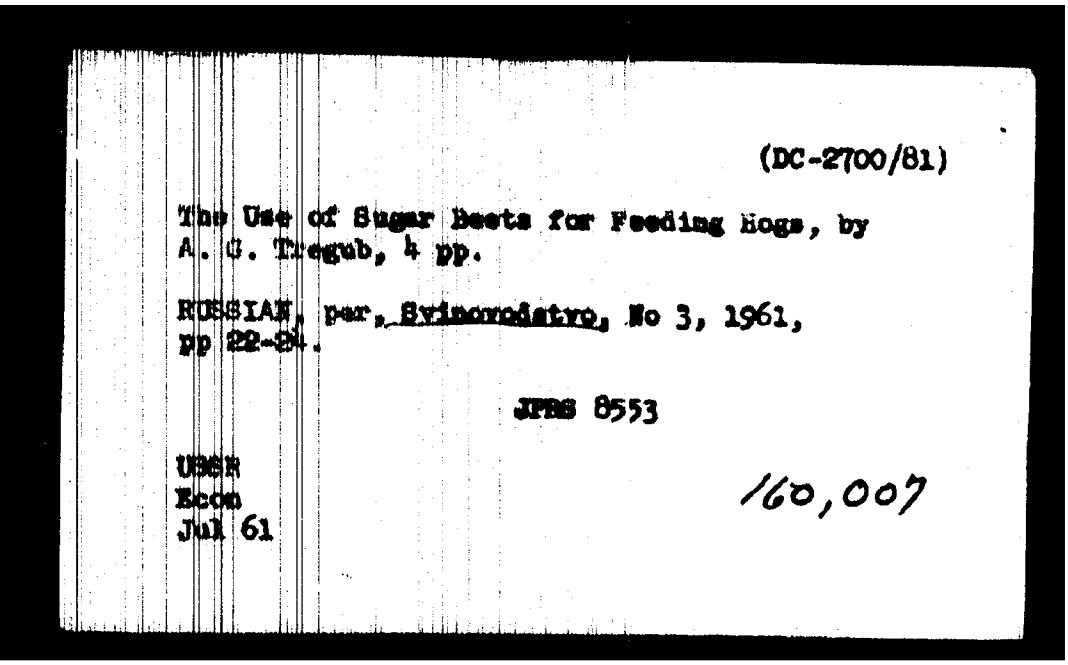

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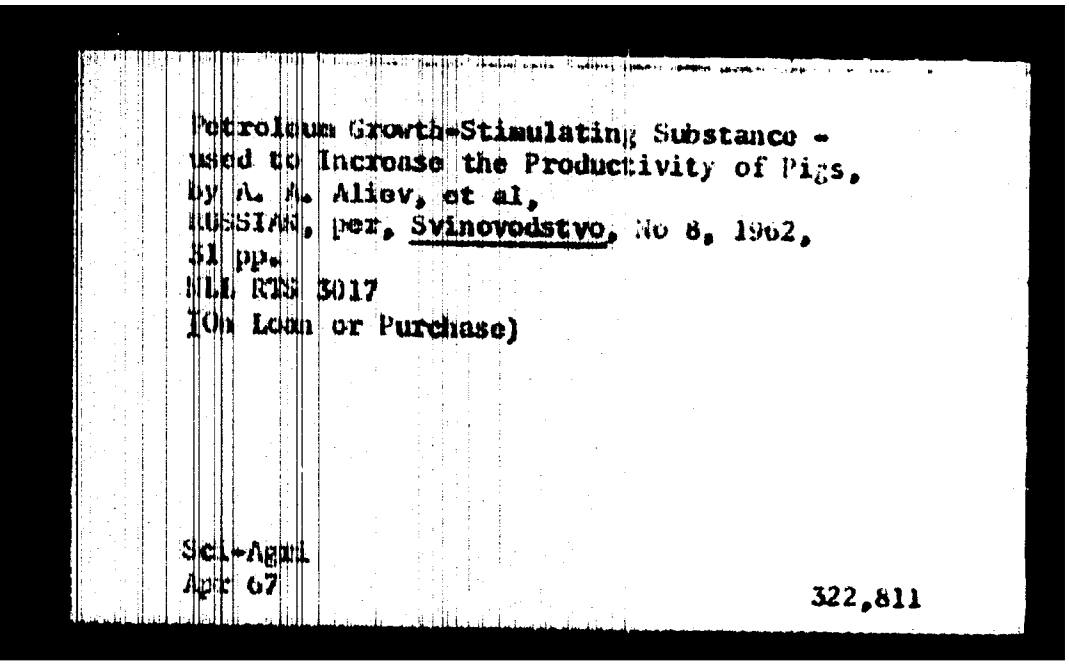

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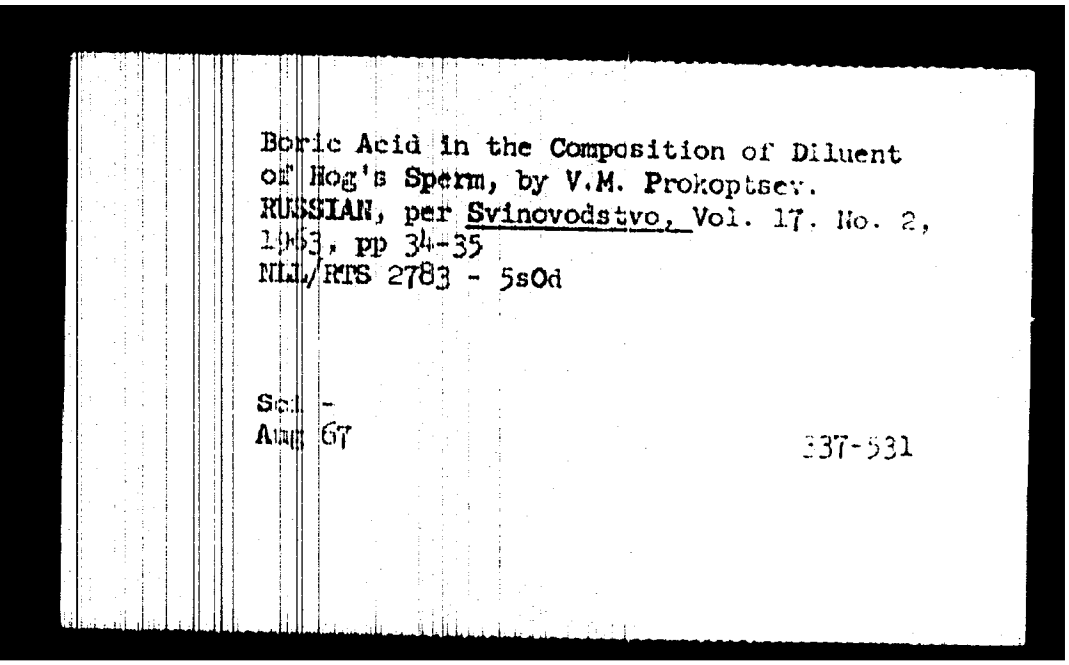

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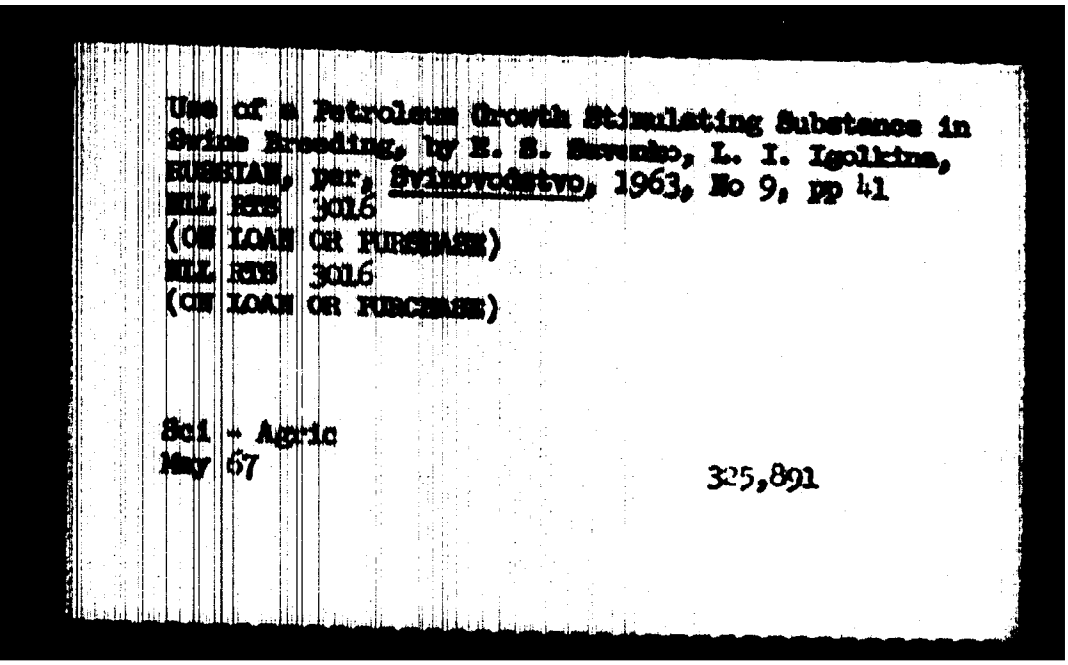

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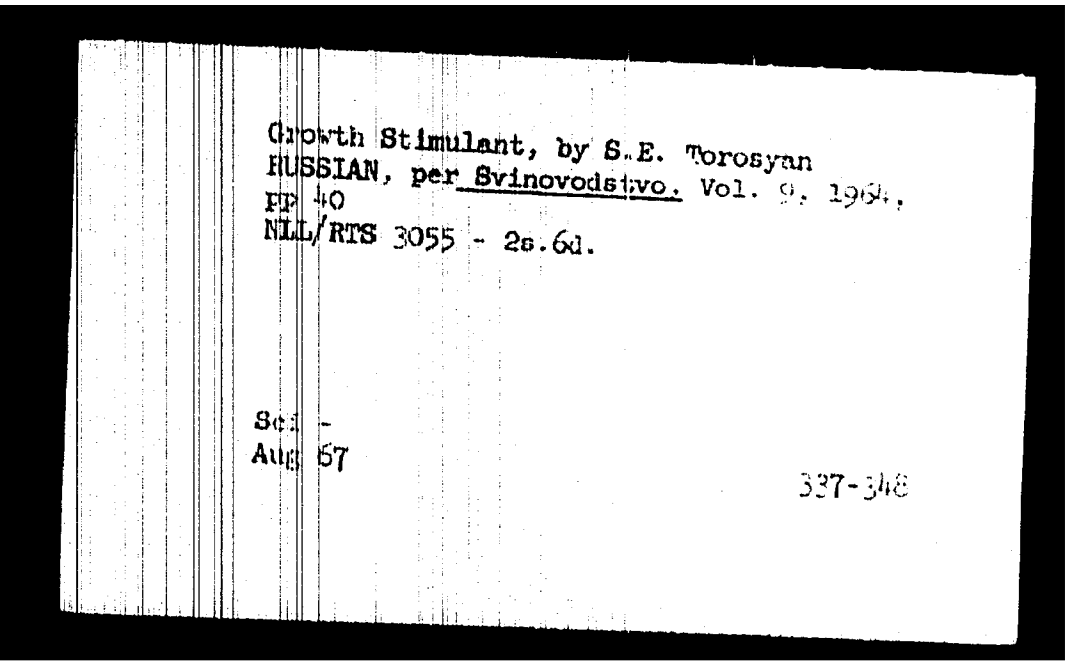

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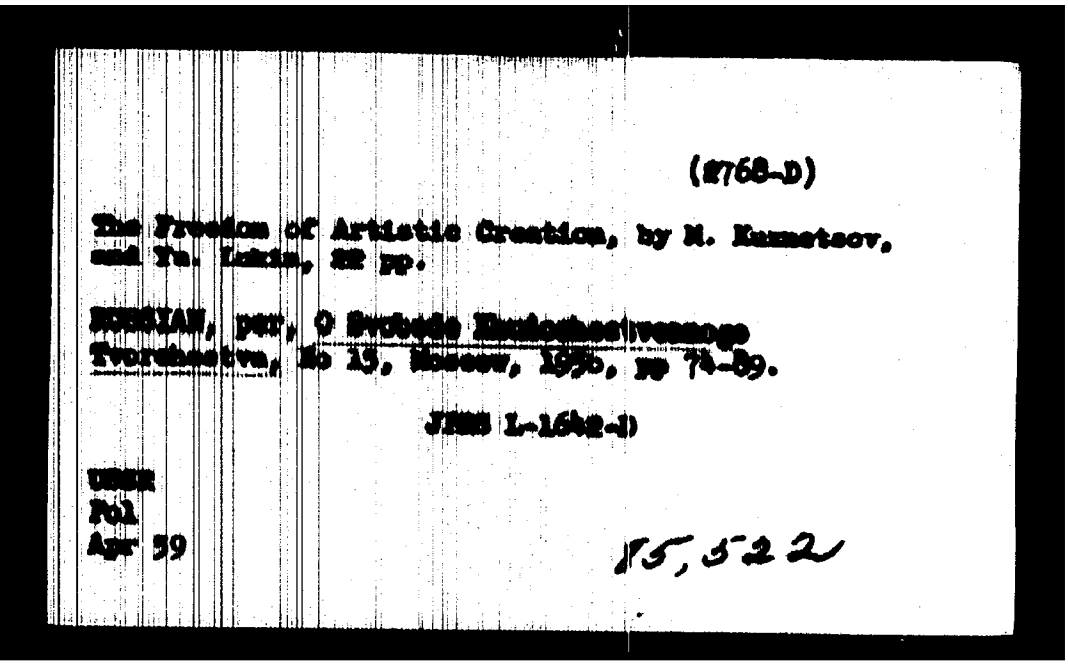

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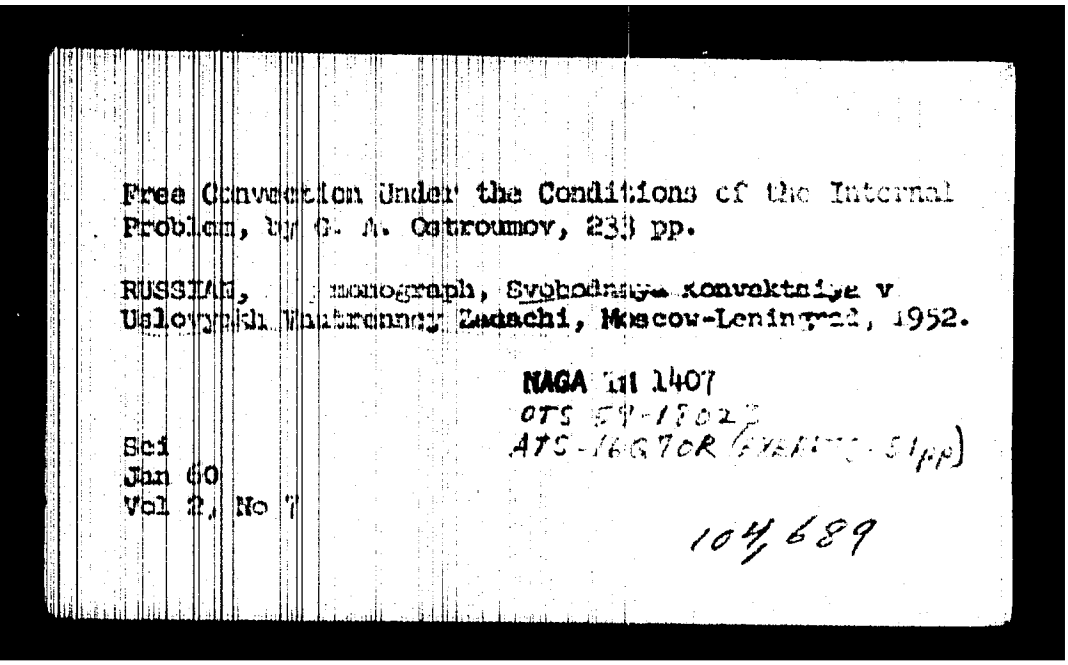

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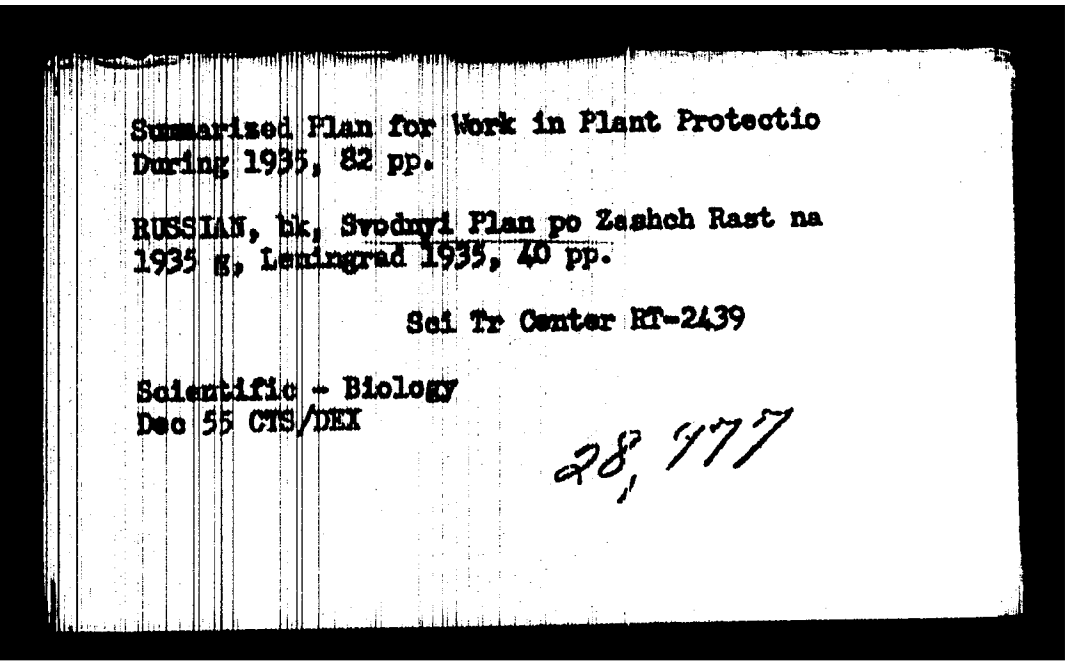

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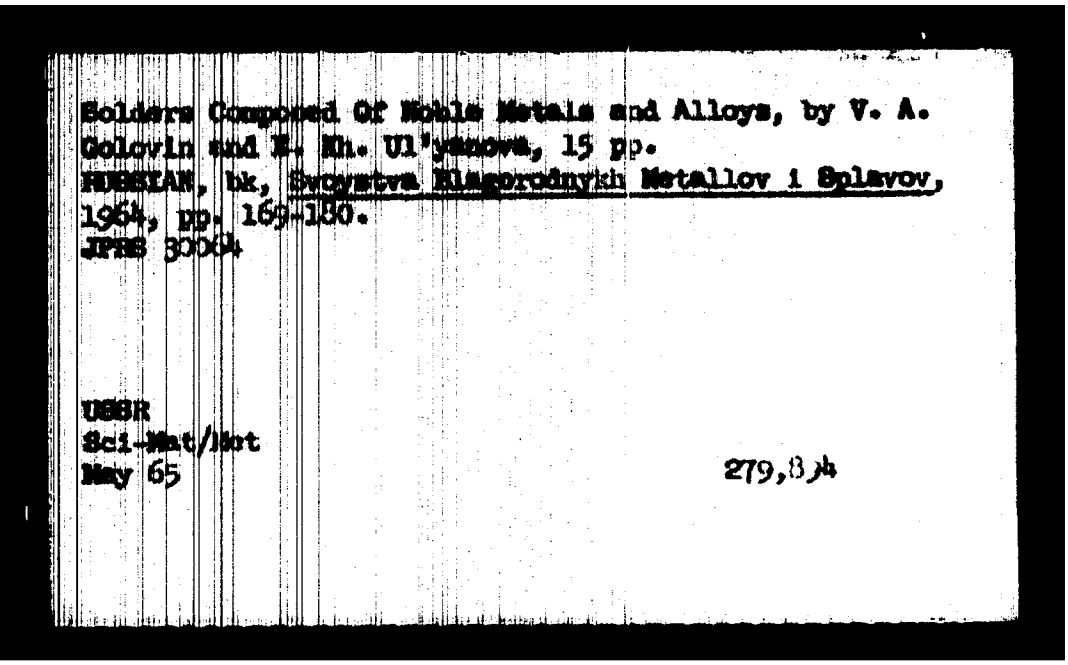

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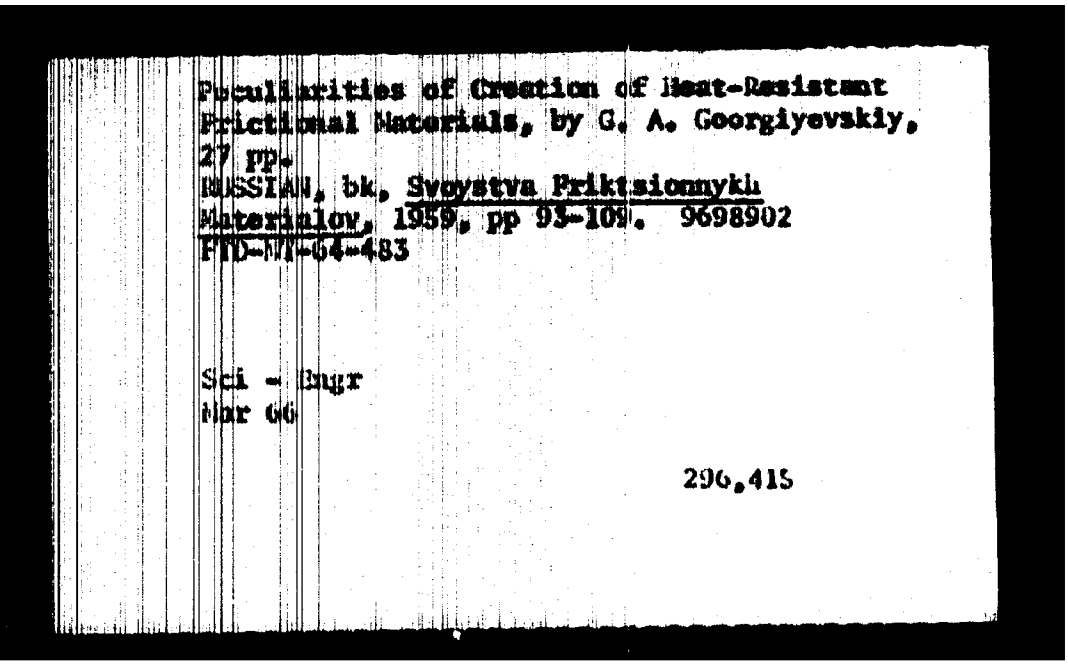

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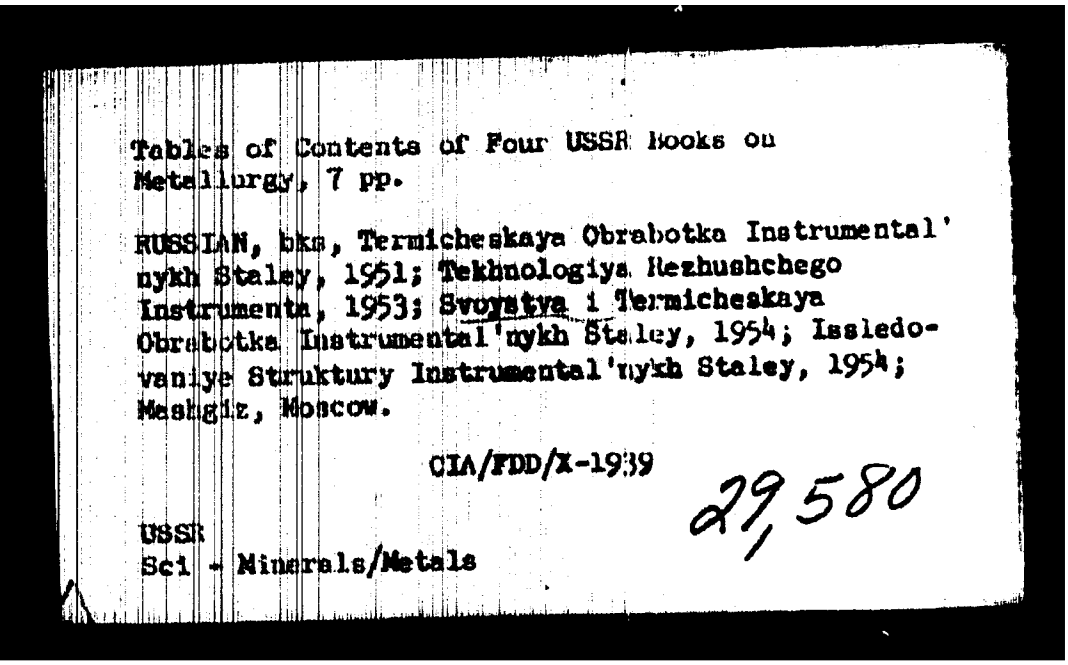

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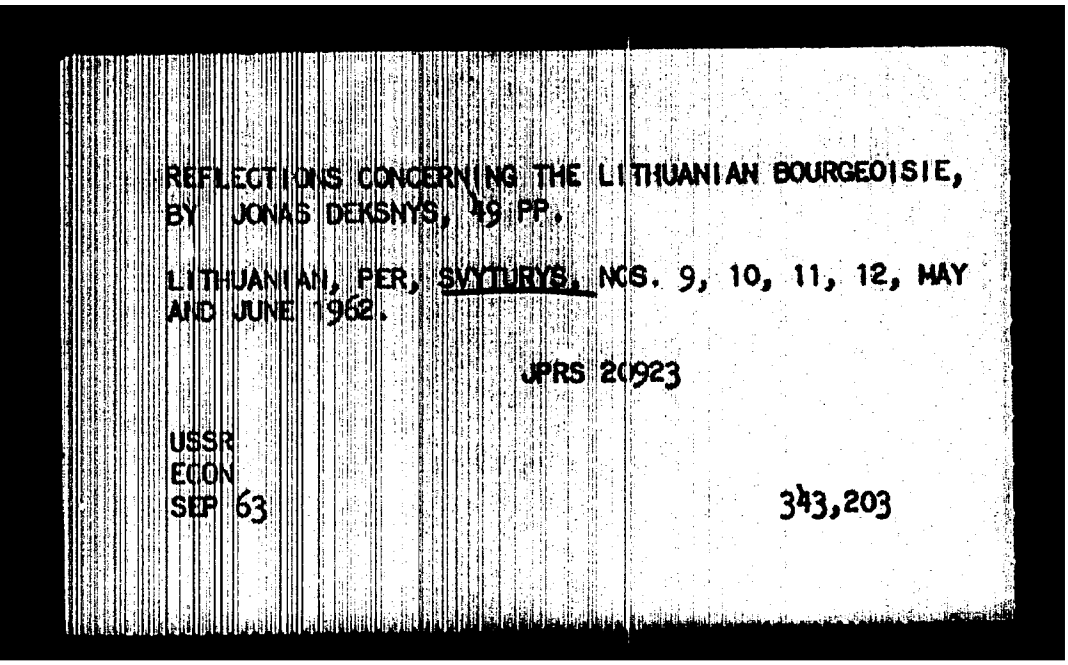

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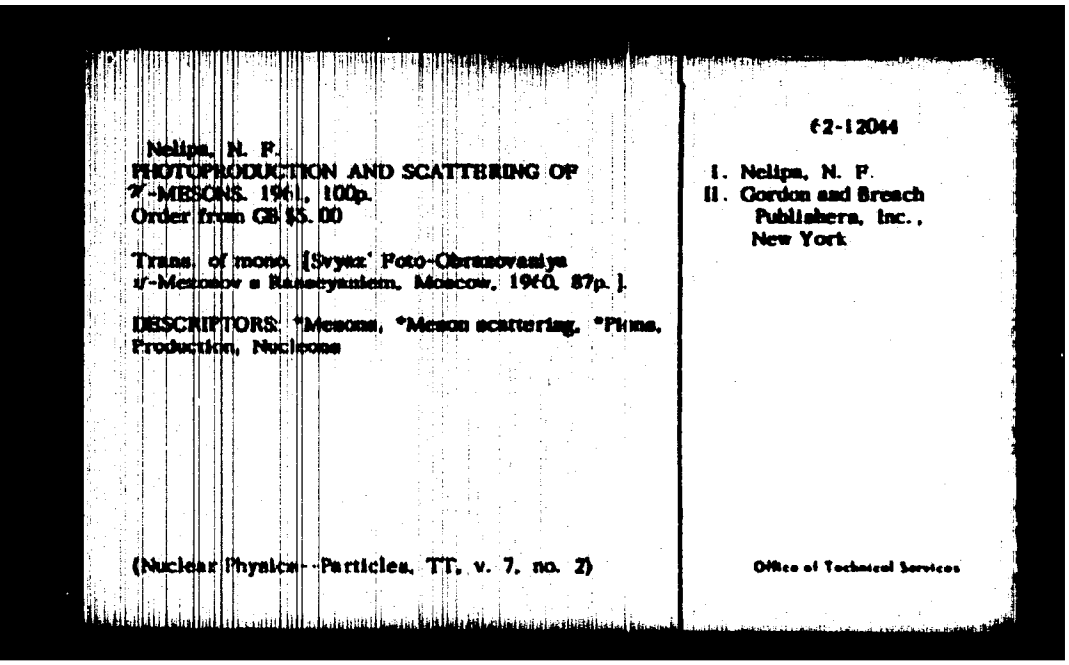

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Trans. of mono. [Svyaz' Foto-Obrazovaniya
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DESCRIPTORS: *Mesons, *Meson scattering, *Pions,
Production, Nucleons

(Nuclear Physics--Particles, TT, v. 7, no. 2)

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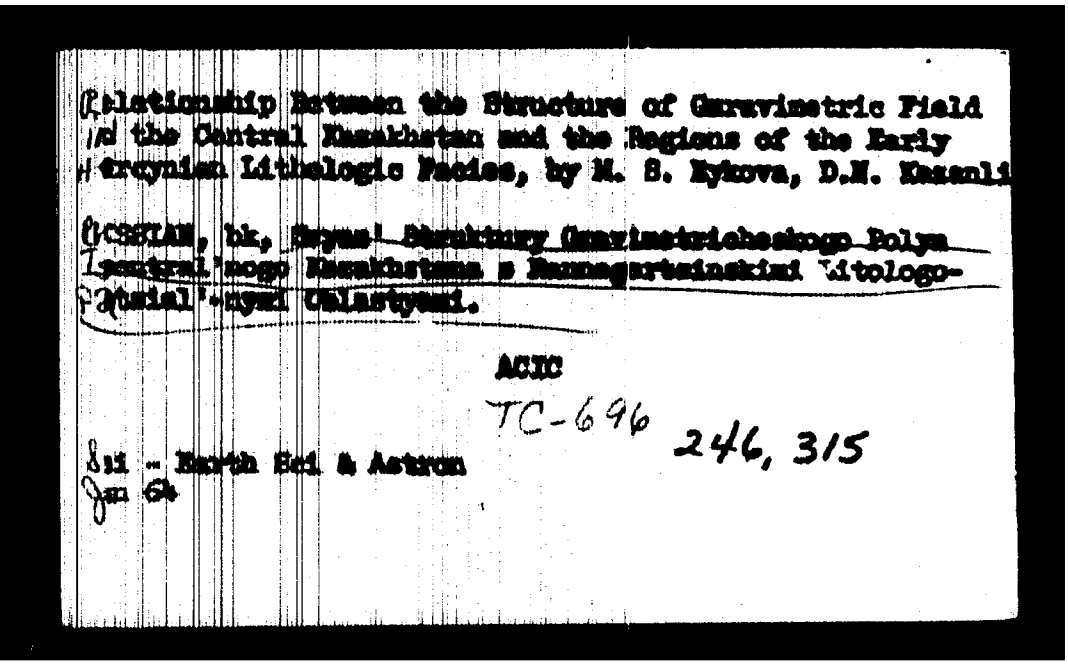

Relationship Between the Structure of Gravimetric Field in the Central Kazakhstan and the Regions of the Early Hercynian Lithologic Facies, by M. S. Mykova, D.M. Kasanli

[illegible], bk, Stroyeniye Zemnoy Kory Gravimetricheskogo Polya Tsentral'nogo Kazakhstana i Raznogo Litologo-Fatsial'nogo Sostava Otlozheniy.

ACIC

TC-696 246, 315

Sii - Earth Sci & Astron
Jan 64

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Comp.
Special

940/70
5 Nov 69

The Trapped Infiltrators, by F. Stoliarovas.
LITHUANIAN, per, Svyturys, No 3, Feb 1965,
pp 14-15.

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Short Cut Method for Detection of Microbacterium Tuberculosis in the Cerebrospinal Fluid, by M. V. Shmaliy, G. L. Nakhmanson, 8 p.

RUSSIAN, per, S'yezda Varchey-Pediatr, II. Trudy, 1956, pp 231-234.

SLA 59-14873

Sci
Jan 60
Vol 2, No 9

106,003

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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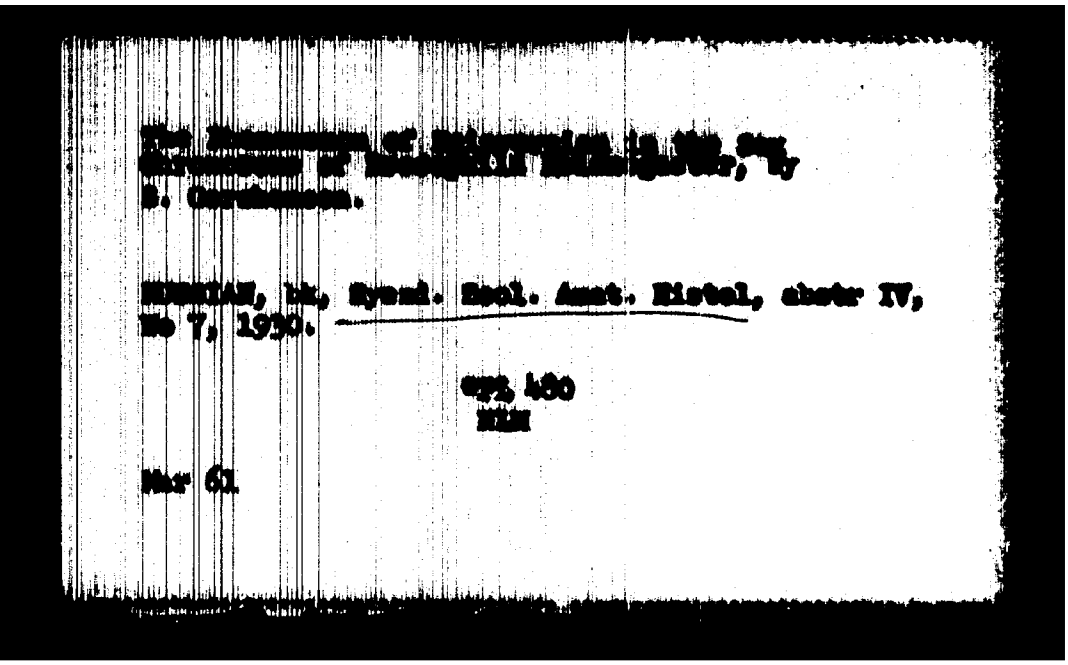

[illegible], M., Rynsk. Zool. Inst., Petrol, chstr IV, No 7, 1930.

pp. 480
illus

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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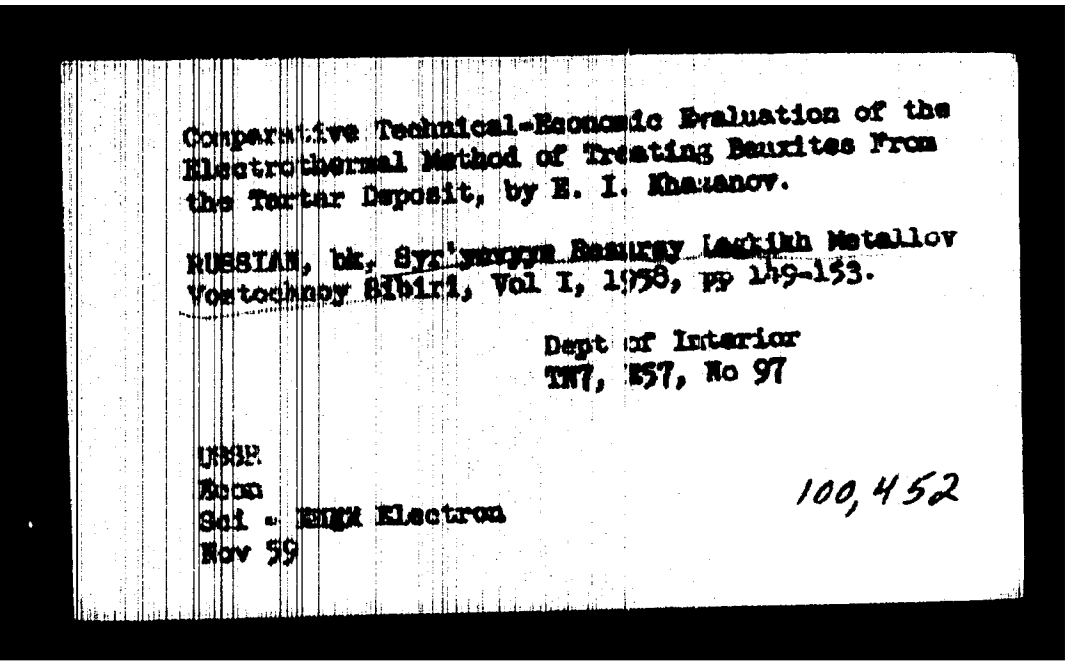

Comparative Technical-Economic Evaluation of the Electrothermal Method of Treating Bauxites From the Tertar Deposit, by E. I. Khaianov.

RUSSIAN, bk, Sya'yazyya Bezuzgy Lechikh Metallov Vostochnoy Sibiri, Vol I, 1958, pp 149-153.

Dept of Interior
TNT, '57, No 97

USSR
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Sci - Engr Electron
Nov 59

100,452

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Raw Material Resources in Kamchatskaya Oblast,
by D. I. Chcherbakov, 2 pp.

RUSSIAN, bk, Syr'yevyye Resursy Kamchatskoy
Oblasti, 1961, pp extrats, 91, 93, 125. (Call
No. HC337 K2 U49 1957 Eng Tr)

Army Map Service

USSR
Econ
May 63

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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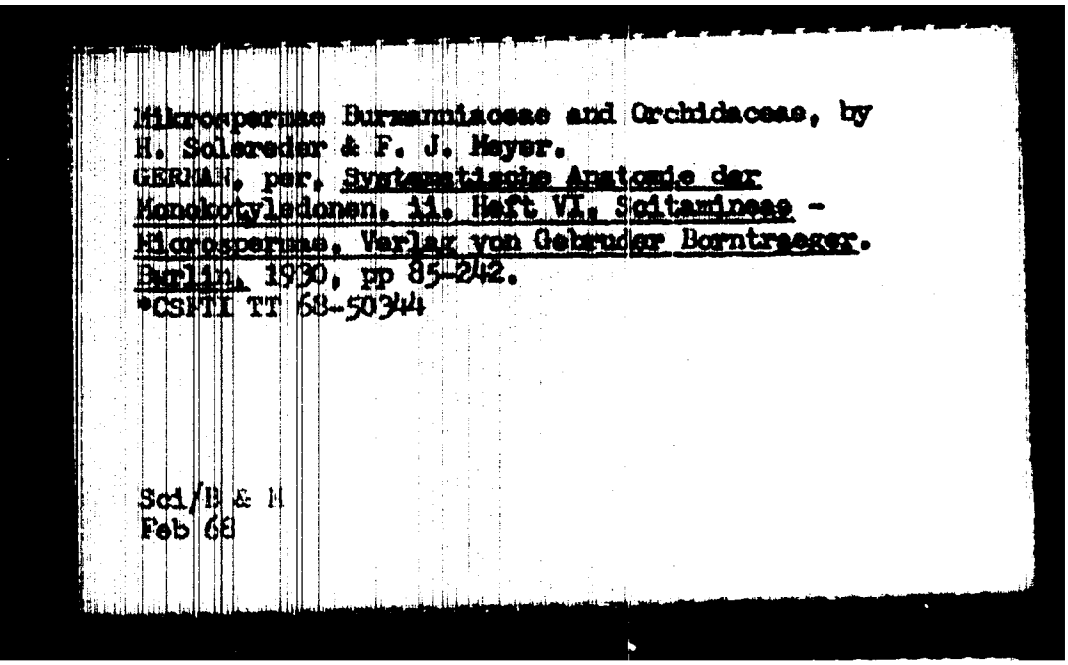


Mikrosperme Burmanniaceae and Orchidaceae, by
H. Solereder & F. J. Meyer.
GERMAN, per. Systematische Anatomie der
Monokotyledonen, 11. Heft VI. Scitamineae -
Microspermae. Verlag von Gebruder Borntraeger.
Berlin. 1930, pp 85-242.
*OSRTI TT 68-50344

Sci/B & M
Feb 68

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

(NY-7145)

SZECHWAN, BY YE. A. AFANAS'YESKIY,
404 PP.

RUSSIAN, BK, SZECHWAN, 1962, PP 1-267.

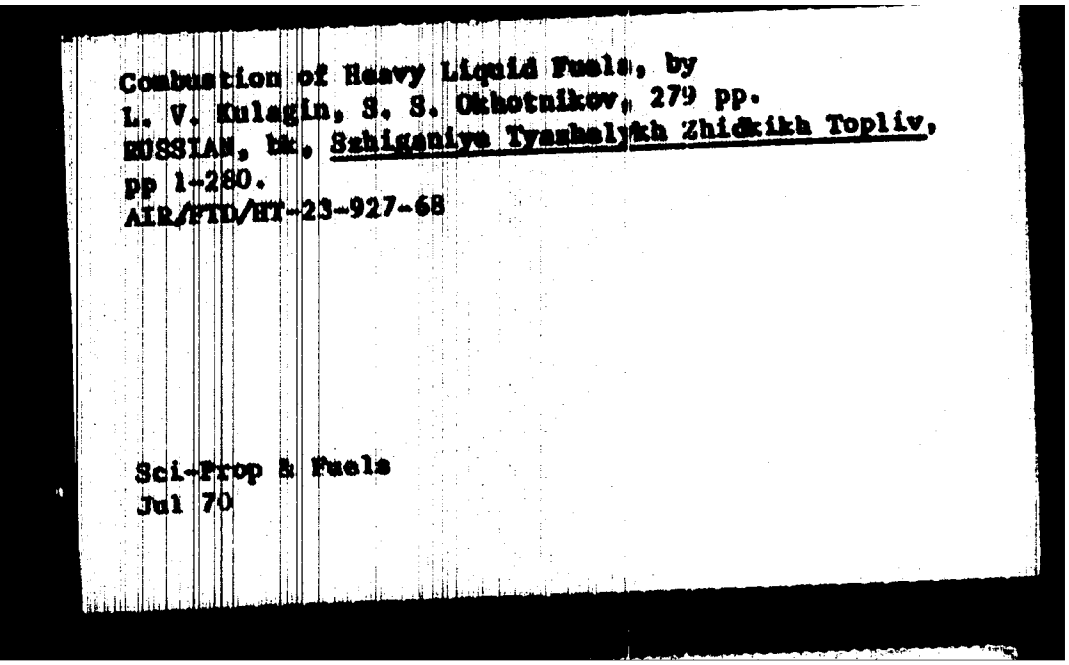
JPRS 15308

FE - CHINA
GEOG, ECON - SZECHWAN
SEP 62

210,735

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4



Combustion of Heavy Liquid Fuels, by
L. V. Kulagin, S. S. Okhotnikov, 279 pp.
RUSSIAN, bk, Szhiganiye Tyazhelykh Zhidkikh Topliv,
pp 1-280.
AIR/FTD/HT-23-927-68

Sci-Prop & Fuels
Jul 70

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

TRI-62-30

Compression of Plasma by a Rapidly-Increasing Opposing Magnetic Field, by G. N. Aretov, V. I. Vassilev, et al.

RUSSIAN, rpt, Szhtie Plazmy Bystronarastayushchim Magnitnym Polem.

*JPRSfor AEC

Sci
X Oct 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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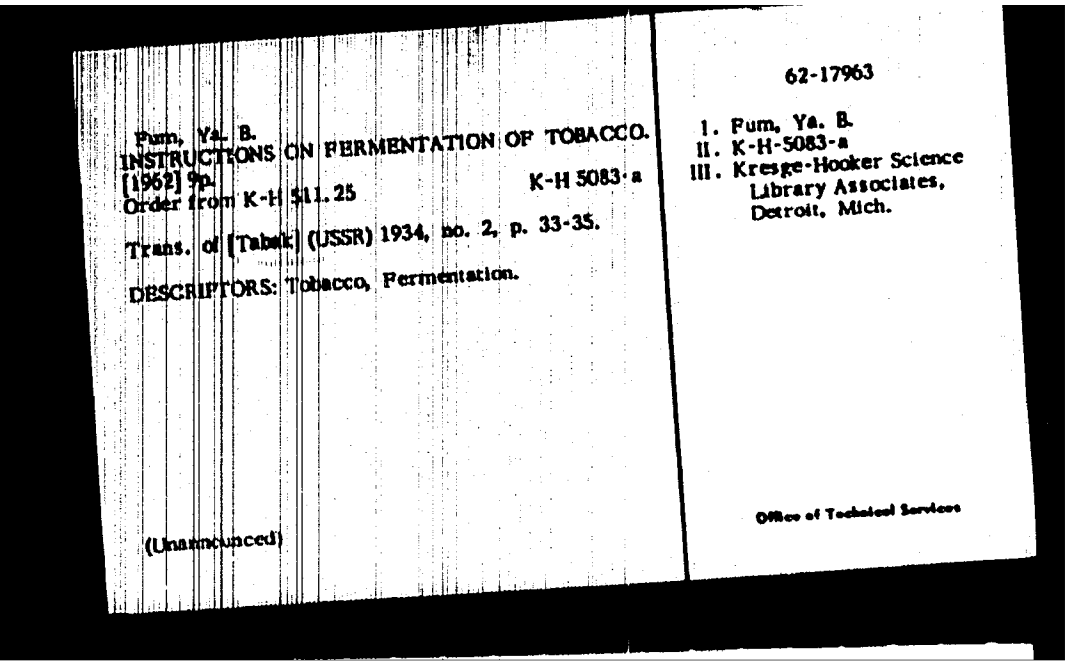


Pum, Ya. B.
INSTRUCTIONS ON FERMENTATION OF TOBACCO.
[1962] 9p.
Order from K-H 511.25 K-H 5083-a

Trans. of [Tabak] (USSR) 1934, no. 2, p. 33-35.

DESCRIPTORS: Tobacco, Fermentation.

(Unannounced)

62-17963

1. Pum, Ya. B.
II. K-H-5083-a
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

The Chemical Composition of the 1936, Tobacco Crop, by V. S. Kushlyu, N. N. Batenina, et al. RUSSIAN, per, Tabak, Vol IX, 1938, No 4, pp 36-39. K-H-2339-1

Apr 67 322,251

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Defects in the Fermentation of Cigar tobaccos and Bakuns, by Yu. G. Karpenko, 8 pp.
RUSSIAN, per, Tabak, Vol X, No 5, 1939, pp 16-18.
K-H 2339-g

Oct 66

312,143

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

An Electrical Apparatus for Rapidly Determining the Moisture Content of Tobacco, by I. P. Kudin. RUSSIAN, per, Tabak, Vol X, No 5, 1939, pp 21-23.
K-H-2339-h

Apr 67 322,249

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Chemical Method as a Measure for Controlling Virus Mz Diseases on Tobacco, by B. A. Korovin.

Full translation.

RUSSIAN, per, Tabak, No 13, Jan/Feb 1952, pp 56-58, 69.9 T112

USDA Tr

K-4-282.1a

USSR

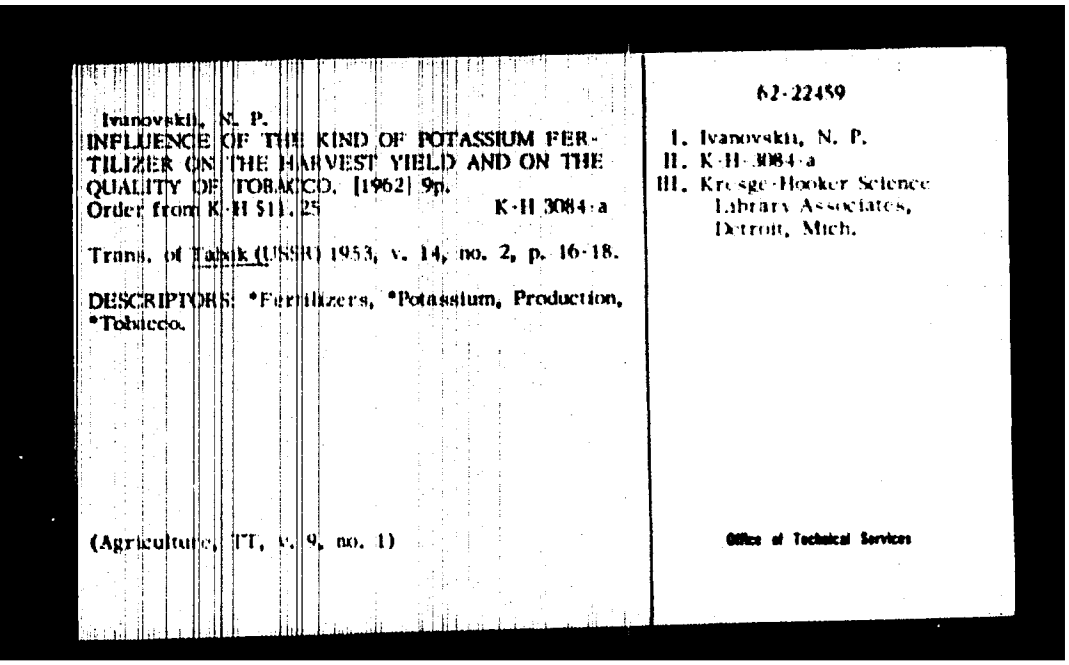
Jul 53 crs/DMX

Scientific - Biology

3428

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4



Ivanovskii, N. P.
INFLUENCE OF THE KIND OF POTASSIUM FERTILIZER ON THE HARVEST YIELD AND ON THE QUALITY OF TOBACCO. [1962] 9p.
Order from K-H $1.25 K-H 3084-a

Trans. of Tabak (USSR) 1953, v. 14, no. 2, p. 16-18.

DESCRIPTORS: *Fertilizers, *Potassium, Production, *Tobacco.

(Agriculture, TT, v. 9, no. 1)

62-22459

I. Ivanovskii, N. P.
II. K-H-3084-a
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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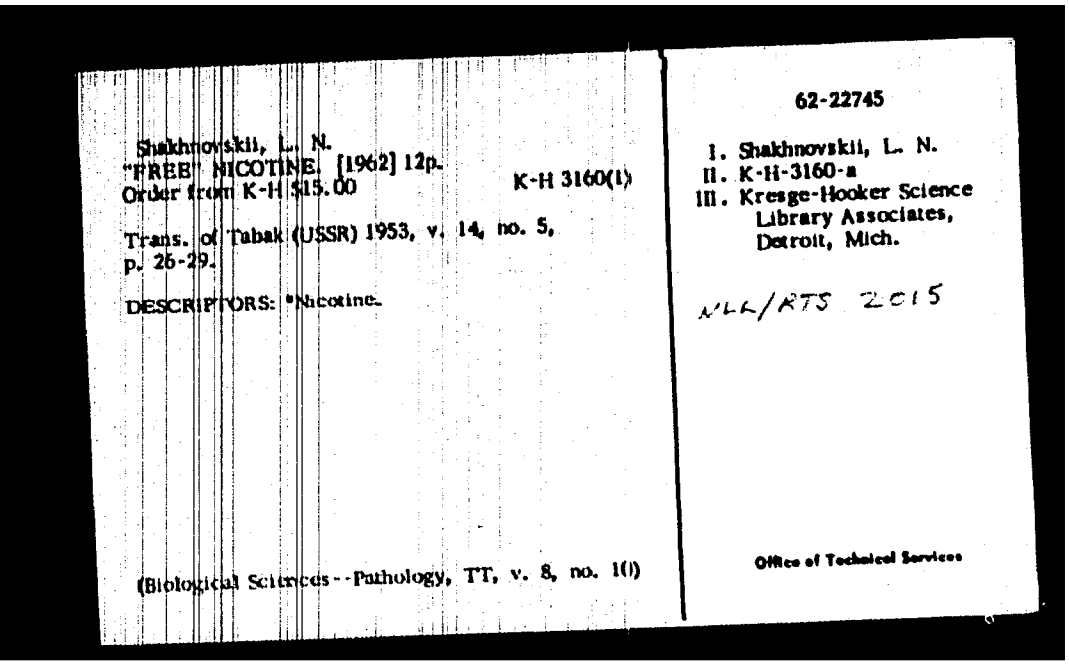

Shakhnovskii, L. N.
"FREE" NICOTINE. [1962] 12p.
Order from K-H $15.00 K-H 3160(1)

Trans. of Tabak (USSR) 1953, v. 14, no. 5, p. 26-29.

DESCRIPTORS: *Nicotine.

(Biological Sciences--Pathology, TT, v. 8, no. 10)

62-22745

I. Shakhnovskii, L. N.
II. K-H-3160-a
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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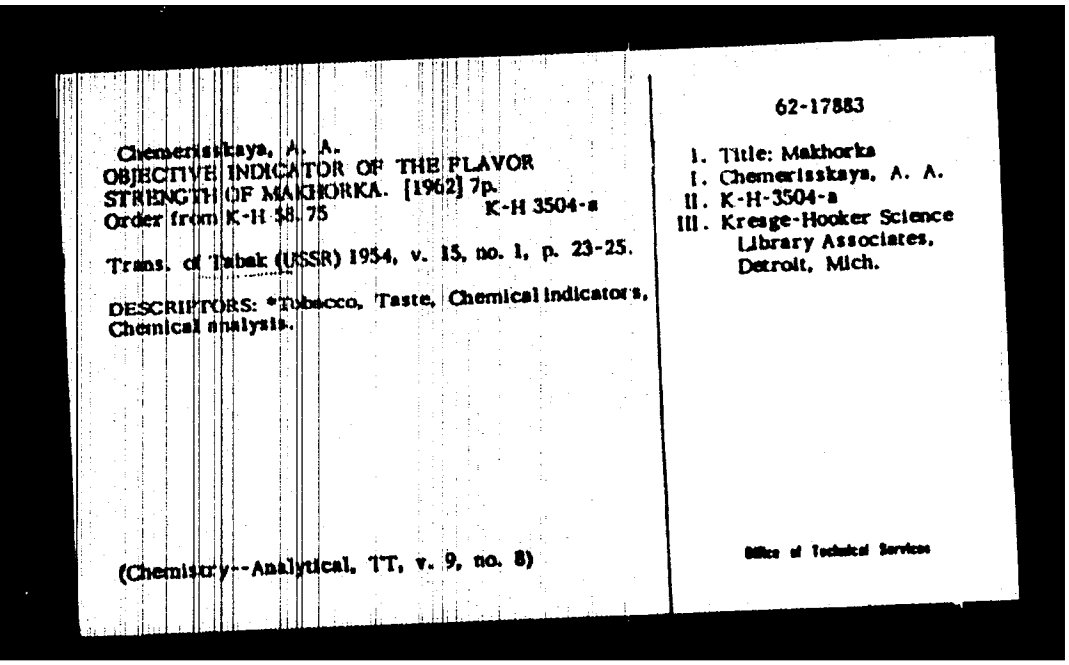

Chemerisskaya, A. A.
OBJECTIVE INDICATOR OF THE FLAVOR STRENGTH OF MAKHORKA. [1962] 7p.
Order from K-H 58.75 K-H 3504-a

Trans. of Tabak (USSR) 1954, v. 15, no. 1, p. 23-25.

DESCRIPTORS: *Tobacco, Taste, Chemical indicators, Chemical analysis.

(Chemistry--Analytical, TT, v. 9, no. 8)

62-17883

I. Title: Makhorka
I. Chemerisskaya, A. A.
II. K-H-3504-a
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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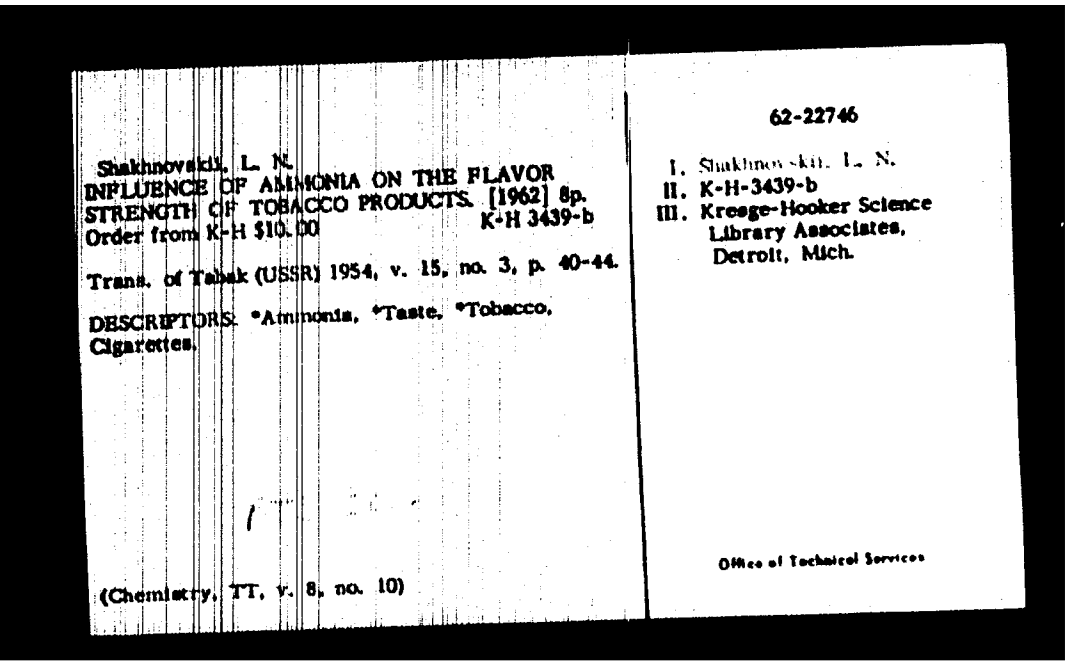

Shakhnovskii, L. N.
INFLUENCE OF AMMONIA ON THE FLAVOR STRENGTH OF TOBACCO PRODUCTS. [1962] 8p.
Order from K-H $10.00 K-H 3439-b

Trans. of Tabak (USSR) 1954, v. 15, no. 3, p. 40-44.

DESCRIPTORS: *Ammonia, *Taste, *Tobacco, Cigarettes.

(Chemistry, TT, v. 8, no. 10)

62-22746

I. Shakhnovskii, L. N.
II. K-H-3439-b
III. Kreege-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Mashkovtsev, M. F., Mikoy[a]n, A. L., and Sirotenko, A. A.
ON THE CONTENT IN THE AIR OF FERMENTATION ROOMS OF SUBSTANCES (VOLATILE) OF ACIDIC AND BASIC CHARACTER. [1962] 10p.
Order from K-H 512.50 K-H 5613-c

Trans. of Tabak (USSR) 1955, v. 16, no. 1, p. 46-49.

DESCRIPTORS: *Fermentation, Air, Acids, *Tobacco.

(Biological Sciences--Biochemistry, TT, v. 9, no. 2)

62-22547

I. Mashkovtsev, M. F.
II. Mikoyan, A. L.
III. Sirotenko, A. A.
IV. K-H-5613-c
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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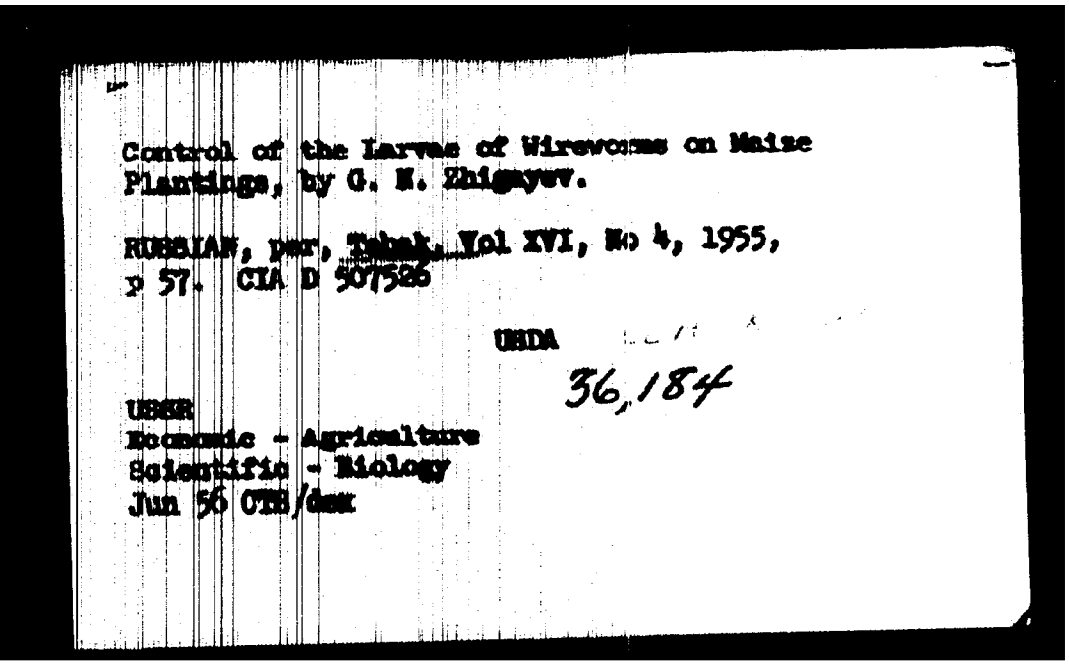

Control of the Larvae of Wireworms on Maize Plantings, by G. N. Zhigayev.

RUSSIAN, per, Zshur. Vol XVI, No 4, 1955, p 57. CIA D 50/586

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36,184

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Economic - Agriculture
Scientific - Biology
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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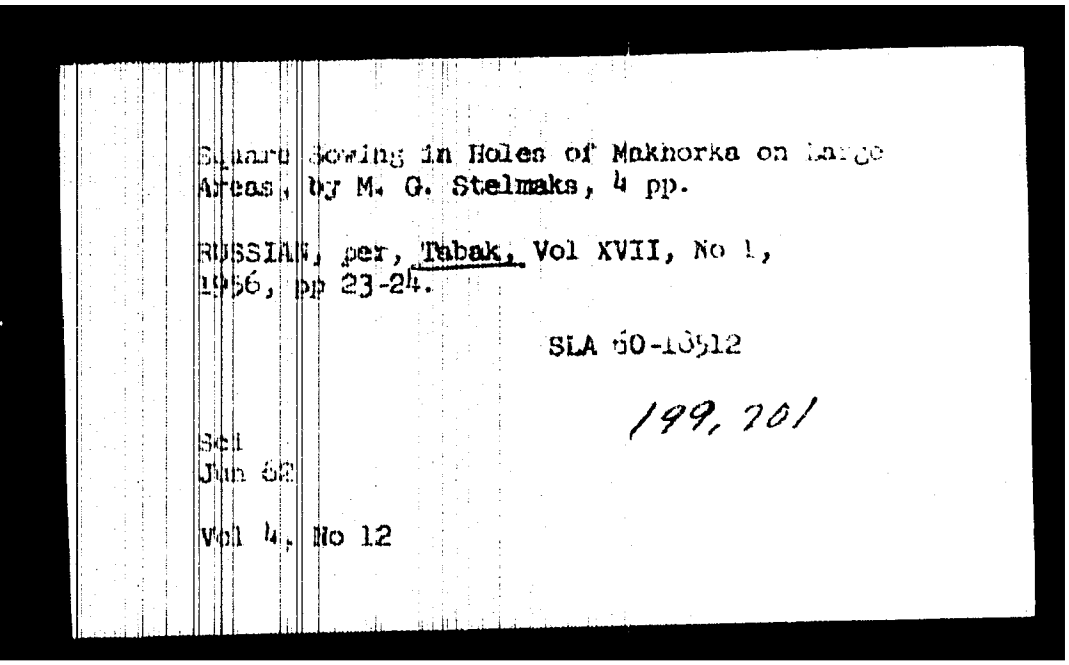

Square Sowing in Holes of Makhorka on Large Areas, by M. G. Stelmaks, 4 pp.

RUSSIAN, per, Tabak, Vol XVII, No 1, 1956, pp 23-24.

SLA 60-13512

199,701

Sel
Jun 62

Vol 4, No 12

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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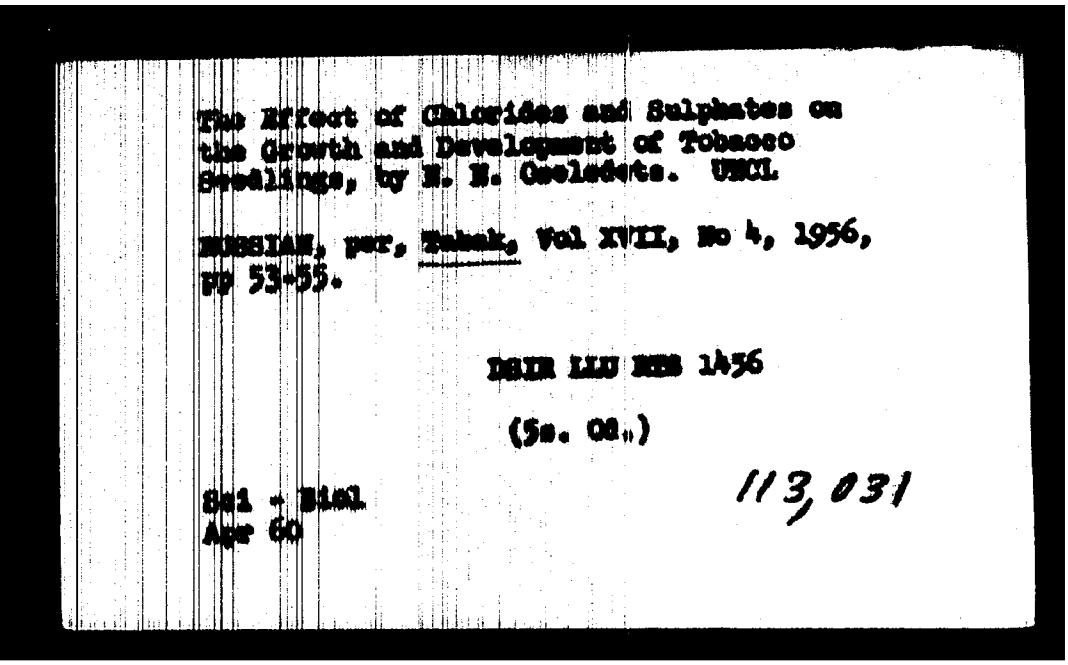

The Effect of Chlorides and Sulphates on the Growth and Development of Tobacco Seedlings, by M. M. Gweladze. USCL

RUSSIAN, per, Tabak, Vol XVII, No 4, 1956, pp 53-55.

DEIR LLU NNB 1456

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113,031

Sel - Biol
Apr 60

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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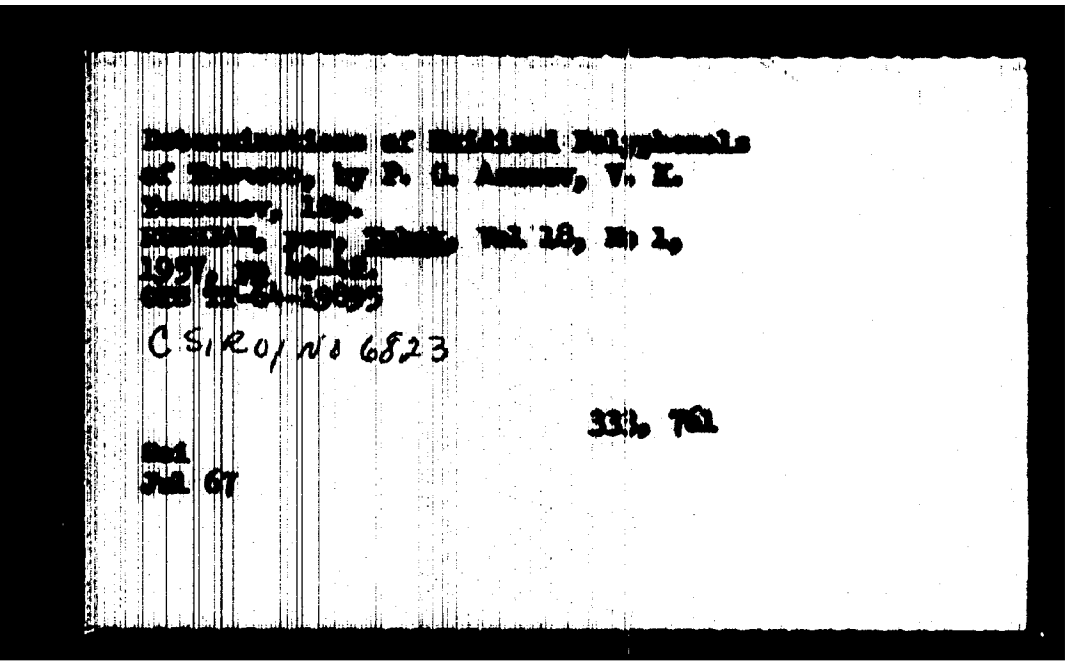

[redacted]
[redacted] Vol. 18, No 2,
1957, [redacted]
[redacted]
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331, 761

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Vol 67

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Dikker, G. L.
THE CONCENTRATION AND SIZES OF TOBACCO SMOKE PARTICLES: [REVIEW OF ARTICLE BY G. LANGER AND M. FISHER]. [1961] 7p.
Order from SLA $1.10 61-10895

Trans. of Tabak SSSR, 1957, v. 18, no. 1, p. 61-63 (original pub. in A. M. A. Archives of Industrial Health (U. S.) 1956, v. 13, no. 4 [p. 372-378]).

DESCRIPTORS: *Tobacco, *Smokes, *Cigarettes, Particles, Measurement.

(Engineering--Sanitation, TT, v. 7, no. 4)

61-10895

I. Dikker, G. L.
II. Langer, G.
III. Fisher, M.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Hydrolyzed Nicotine as an Index for Sensory Strength of Makhorka, by L. N. Shakhnovskiy, 5 pp.

RUSSIAN, per, Tabak, Vol XX, No 1, 1959, pp 14-17.

SLA 60-10813

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133,121

CTS, Vol III, No 7

Nov 60

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Mikhailov, M. K.
THE SHMUK METHOD FOR DETERMINATION OF POLYPHENOLS IN TOBACCO (O Metode Shmuka dlya Opredeleniya Polifenolov v Tabake). [1962] [6]p.
5 refs.
Order from CTS or SLA $1.10 62-10908

Trans. of Tabak (USSR) 1959, v. 20, no. 2, p. 41-43.
Another trans. is available from LC or SLA mi$1.80, ph$1.80 as 61-15172, CSIRO Trans-4941 [1960] [7]p.

DESCRIPTORS: *Tobacco, Chemical analysis, *Phenols, Determination, Paper chromatography.

For abstract see Technical Translations 5: 287, 1961.

(Chemistry--Analytical, TT, v. 8, no. 1)

62-10908

1. Mikhailov, M. K.

K-H 1100-b

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Asmaev, P. G. and Mokhnachev, I. G.
ON THE QUESTION OF CHANGING THE COMPOSITION AND PROPERTIES OF TOBACCO PROCESSED AT DIFFERENT TEMPERATURES. [1962] 10p.
Order from K-H $12.50 K-H 11249-a

Trans. of Tabak (USSR) 1959 [v. 20] no. 3, p. 55-59.

DESCRIPTORS: *Tobacco, Processing, Temperature.

(Agriculture--Plant Cultivation, TT, v. 8, no. 6)

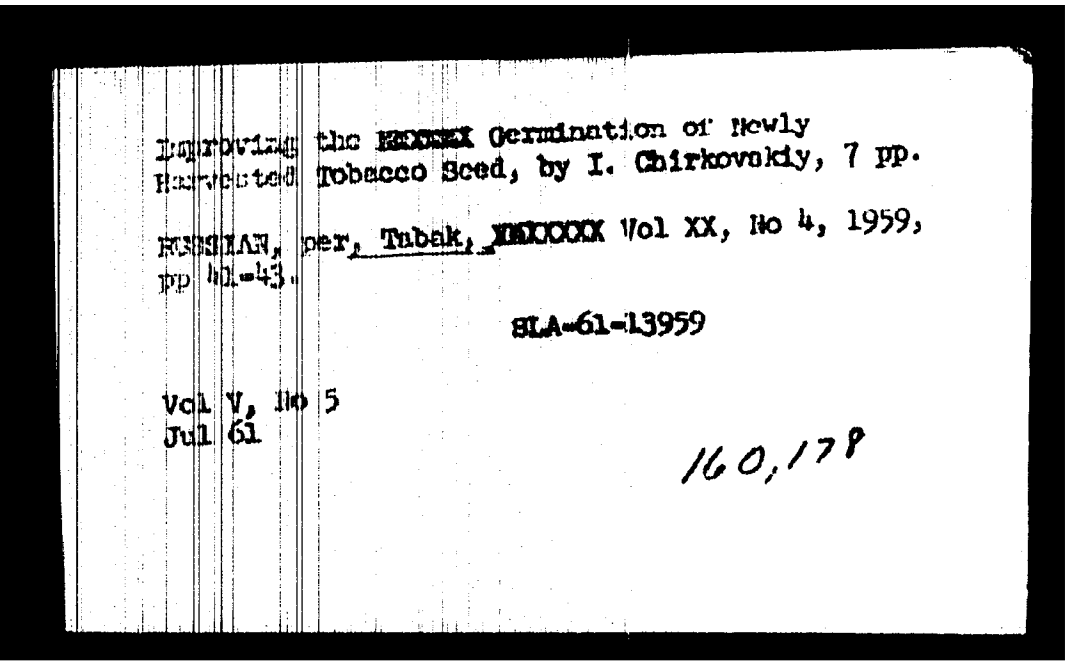
62-17779

I. Asmaev, P. G.
II. Mokhnachev, I. G.
III. K-H-11249-a
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4



Improving the XXXXXX Germination of Newly Harvested Tobacco Seed, by I. Chirkovskiy, 7 pp.

RUSSIAN, per, Tabak, XXXXXX Vol XX, No 4, 1959, pp 40-43.

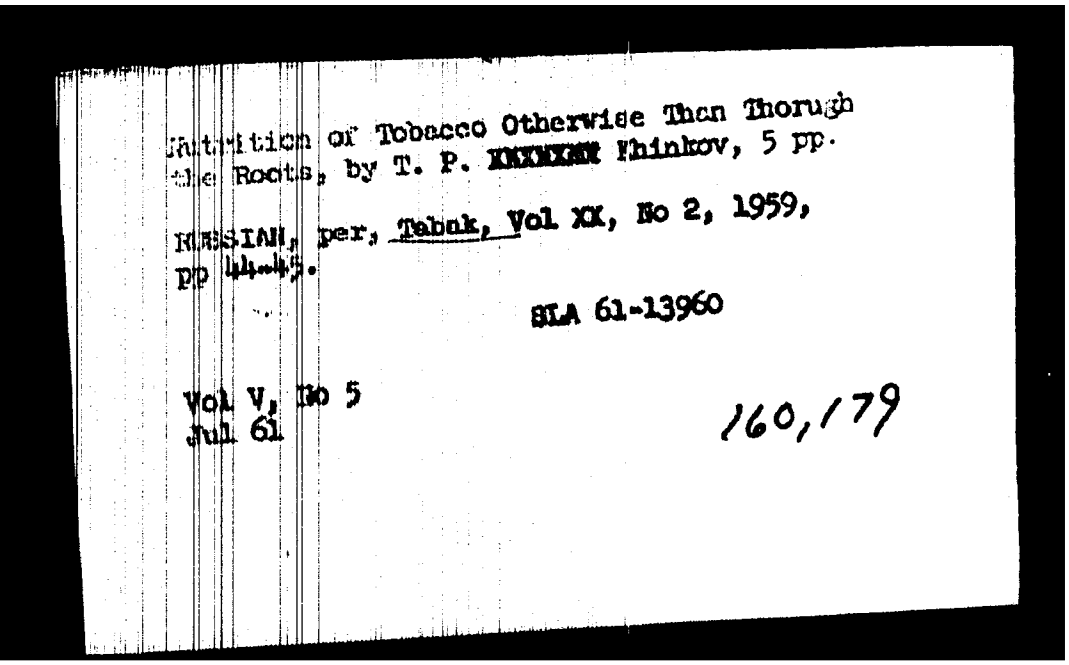
SLA-61-13959

Vol V, No 5
Jul 61

160,178

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4



Nutrition of Tobacco Otherwise Than Thorugh the Roots, by T. P. [redacted] Ihinkov, 5 pp.

RUSSIAN, per, Tabak, Vol XX, No 2, 1959, pp [illegible].

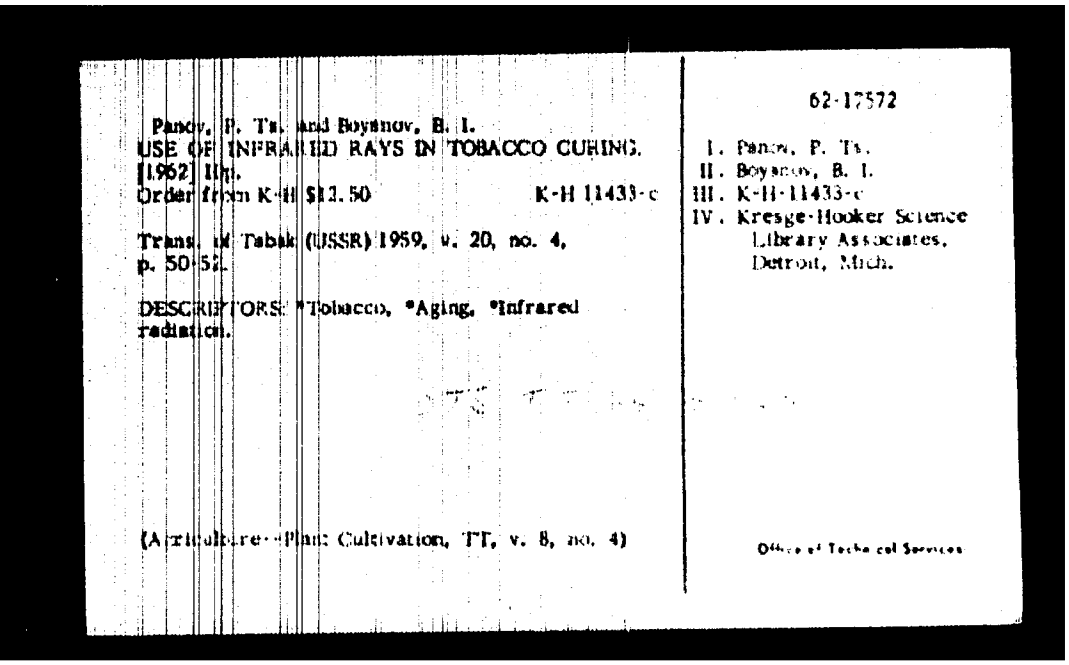
SLA 61-13960

Vol V, No 5
Jul 61

160,179

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4



Panov, P. Ts. and Boyanov, B. I.
USE OF INFRARED RAYS IN TOBACCO CURING.
[1962] 11p.
Order from K-H $13.50 K-H 11433-c

Trans. of Tabak (USSR) 1959, v. 20, no. 4, p. 50-52.

DESCRIPTORS: *Tobacco, *Aging, *Infrared radiation.

(Agriculture--Plant Cultivation, TT, v. 8, no. 4)

62-17572

I. Panov, P. Ts.
II. Boyanov, B. I.
III. K-H-11433-c
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

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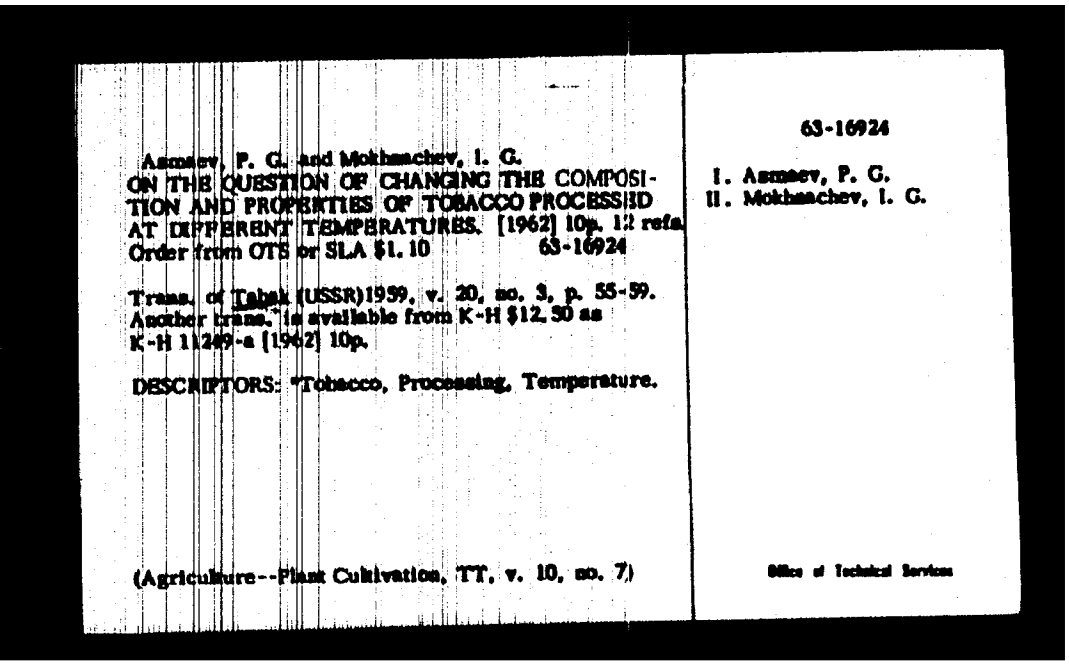

Asmaev, P. G. and Mokhanchev, I. G.
ON THE QUESTION OF CHANGING THE COMPOSITION AND PROPERTIES OF TOBACCO PROCESSED AT DIFFERENT TEMPERATURES. [1962] 10p. 12 refs.
Order from OTS or SLA $1.10 63-16924

Trans. of Tabak (USSR)1959, v. 20, no. 3, p. 55-59.
Another trans. is available from K-H $12.50 as K-H 11249-a [1962] 10p.

DESCRIPTORS: *Tobacco, Processing, Temperature.

(Agriculture--Plant Cultivation, TT, v. 10, no. 7)

63-16924

I. Asmaev, P. G.
II. Mokhanchev, I. G.

Office of Technical Services

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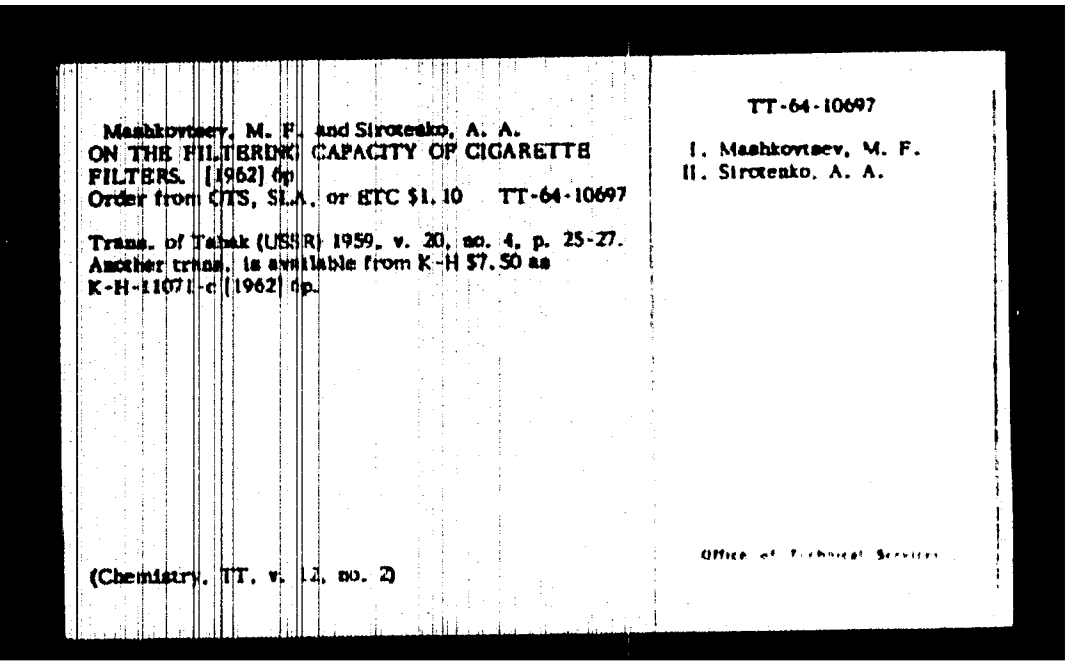

Mashkovtsev, M. F. and Sirotenko, A. A.
ON THE FILTERING CAPACITY OF CIGARETTE FILTERS. [1962] 6p
Order from CTS, SLA, or STC $1.10 TT-64-10697

Trans. of Tabak (USSR) 1959, v. 20, no. 4, p. 25-27.
Another trans. is available from K-H $7.50 as K-H-11071-c [1962] 6p.

(Chemistry, TT, v. 12, no. 2)

TT-64-10697

I. Mashkovtsev, M. F.
II. Sirotenko, A. A.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Asmaev, P. G. and Nikolaeva, L. A.
PROCEDURE FOR DETERMINING THE TECHNOLOGICAL PROPERTIES OF TOBACCO RAW MATERIAL. [1962].
Order from K-H $5.75 K-H 10789

Trans. of Tabak (USSR) 1960, v. 21, no. 1, p. 40-42.

DESCRIPTORS: *Tobacco, Chemical analysis.

(Chemistry--Analytical, TT, v. 9, no. 10)

62-17780

I. Asmaev, P. G.
II. Nikolaeva, L. A.
III. K-H-10789
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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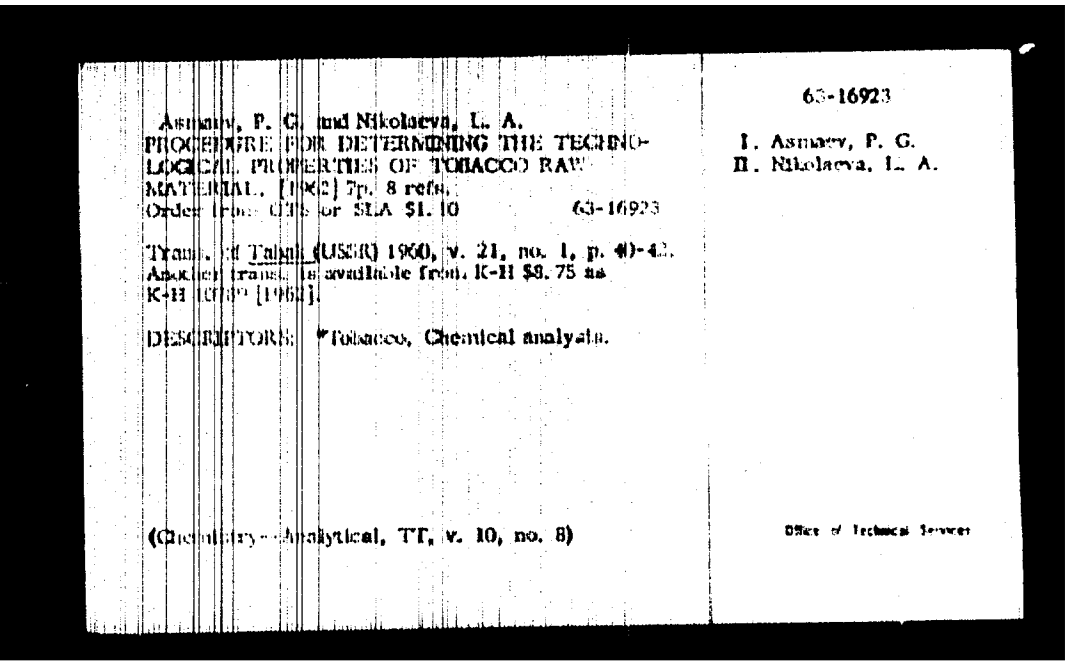


Asmaev, P. G. and Nikolaeva, L. A.
PROCEDURE FOR DETERMINING THE TECHNOLOGICAL PROPERTIES OF TOBACCO RAW MATERIAL. [1962] 7p. 8 refs.
Order from: CFS or SLA $1.10 63-16923

Trans. of Tabak (USSR) 1960, v. 21, no. 1, p. 40-42.
Another transl. is available from: K-H $8.75 as K-H [1962].

DESCRIPTORS: *Tobacco, Chemical analysis.

(Chemistry--Analytical, TT, v. 10, no. 8)

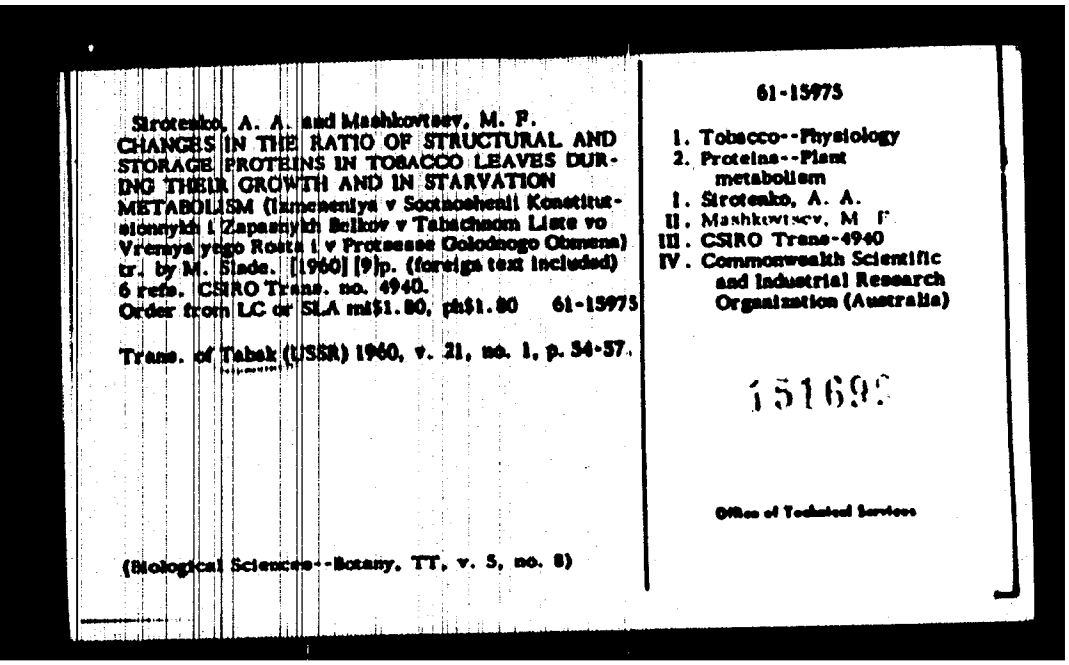
63-16923

I. Asmaev, P. G.
II. Nikolaeva, L. A.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4



Sirotenko, A. A. and Mashkovtsev, M. F.
CHANGES IN THE RATIO OF STRUCTURAL AND STORAGE PROTEINS IN TOBACCO LEAVES DURING THEIR GROWTH AND IN STARVATION METABOLISM (Izmeneniya v Sootnoshenii Konstitutsionnykh i Zapasnykh Belkov v Tabachnom Liste vo Vremya yego Rosta i v Protsesse Golodnogo Obmena) tr. by M. Slade. [1960] [9]p. (foreign text included) 6 refs. CSIRO Trans. no. 4940.
Order from LC or SLA mf$1.80, ph$1.80 61-15975

Trans. of Tabak (USSR) 1960, v. 21, no. 1, p. 54-57.

(Biological Sciences--Botany, TT, v. 5, no. 8)

61-15975

1. Tobacco--Physiology
2. Proteins--Plant metabolism
I. Sirotenko, A. A.
II. Mashkovtsev, M. F.
III. CSIRO Trans-4940
IV. Commonwealth Scientific and Industrial Research Organization (Australia)

151695

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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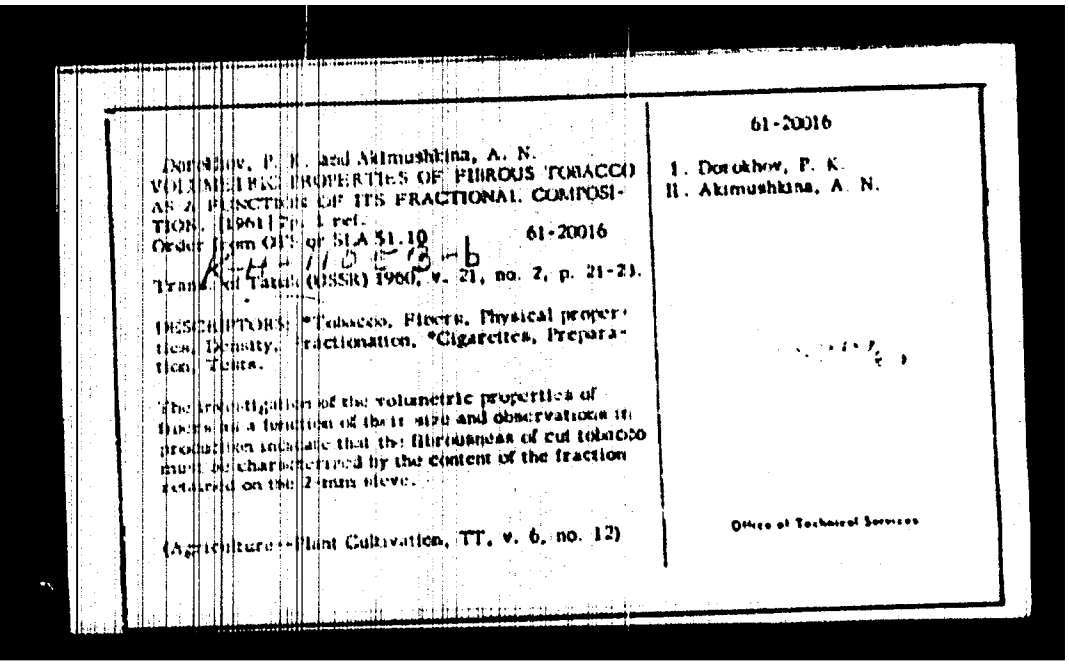

Dorokhov, P. K. and Akimushkina, A. N.
VOLUMETRIC PROPERTIES OF FIBROUS TOBACCO AS A FUNCTION OF ITS FRACTIONAL COMPOSITION. [1961] 7p. 1 ref.
Order from OTS as SLA 51.10 61-20016
Trans. of Tabak (USSR) 1960, v. 21, no. 2, p. 21-23.

DESCRIPTORS: *Tobacco, Fibers, Physical properties, Density, Fractionation, *Cigarettes, Preparation, Tests.

The investigation of the volumetric properties of fibers as a function of their size and observations in production indicate that the fibrousness of cut tobacco must be characterized by the content of the fraction retained on the 2-mm sieve.

(Agriculture--Plant Cultivation, TT, v. 6, no. 12)

61-20016

I. Dorokhov, P. K.
II. Akimushkina, A. N.

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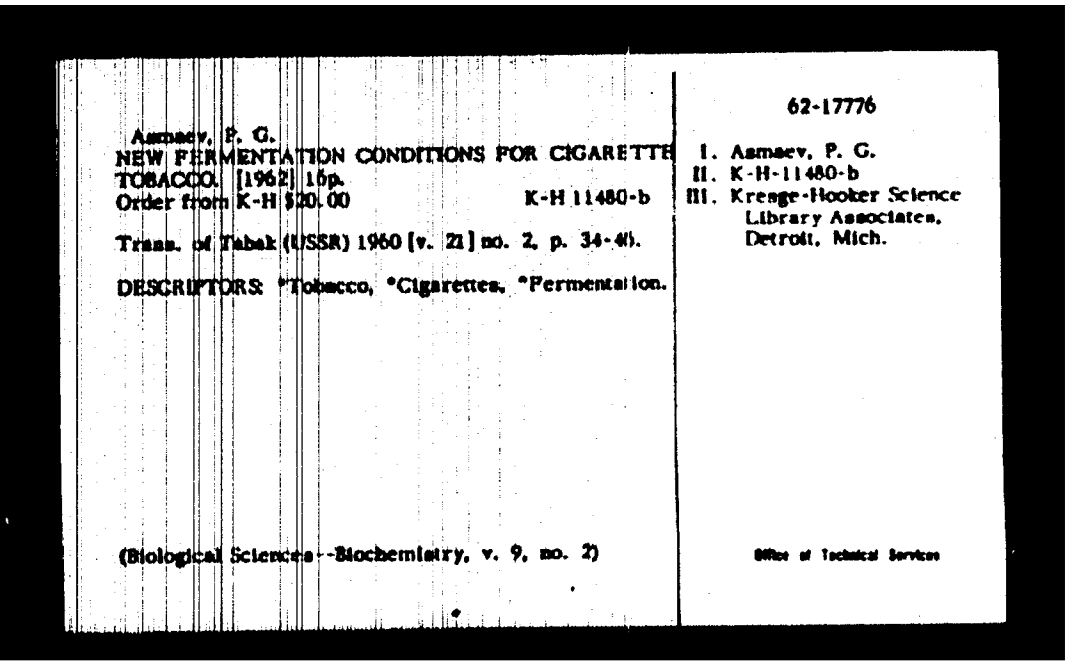

Asmaev, P. G.
NEW FERMENTATION CONDITIONS FOR CIGARETTE TOBACCO. [1962] 16p.
Order from K-H $20.00 K-H 11480-b

Trans. of Tabak (USSR) 1960 [v. 21] no. 2, p. 34-40).

DESCRIPTORS: *Tobacco, *Cigarettes, *Fermentation.

(Biological Sciences--Biochemistry, v. 9, no. 2)

62-17776

I. Asmaev, P. G.
II. K-H-11480-b
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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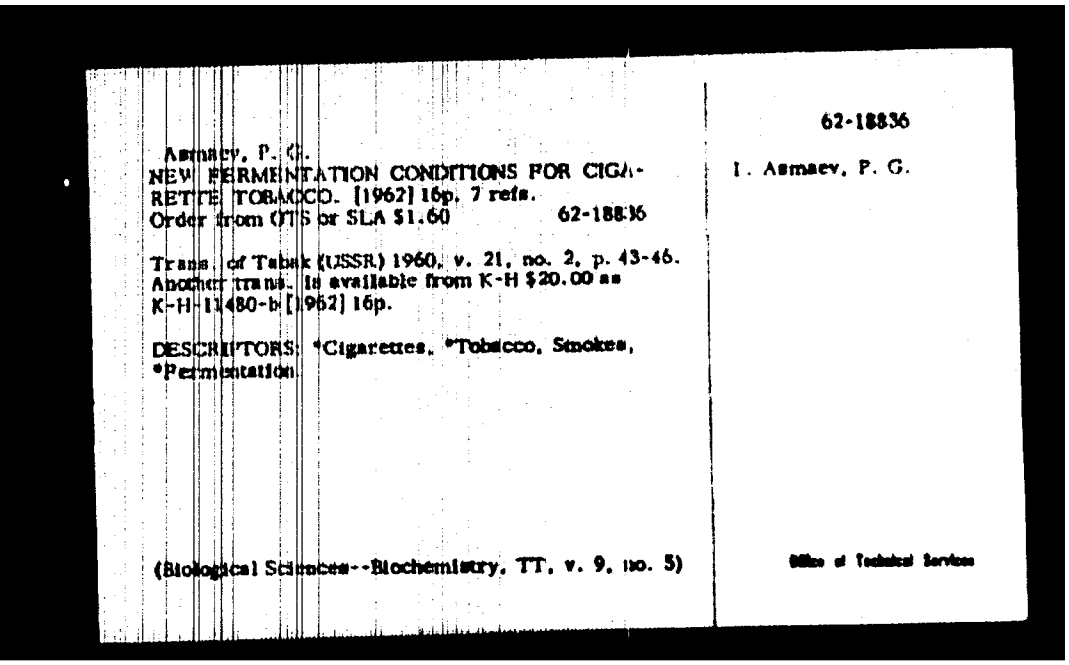


Asmaev, P. G.
NEW FERMENTATION CONDITIONS FOR CIGARETTE TOBACCO. [1962] 16p. 7 refs.
Order from OTS or SLA $1.60 62-18836

Trans. of Tabak (USSR) 1960, v. 21, no. 2, p. 43-46.
Another trans. is available from K-H $20.00 as
K-H-11480-b [1962] 16p.

DESCRIPTORS: *Cigarettes, *Tobacco, Smokes, *Fermentation.

(Biological Sciences--Biochemistry, TT, v. 9, no. 5)

62-18836

I. Asmaev, P. G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Asmaev, P. G. and Mokhnachev, I. G.
CONTENT IN TOBACCO OF NON-CARBOHYDRATE CARBONYL SUBSTANCES. [1963] [9]p. 10 refs.
Order from CTS or SLA $1.10 61-20584

Trans. of Tabak (USSR) 1960, v. 21, no. 3, p. 35-39.

DESCRIPTORS: *Tobacco, *Cartonyl radicals, *Fermentation, Amino acids, Temperature, Chemical analysis.

The investigation of the fermentation of tobacco at various temperatures from the point of view of the dynamics of change of the content of carbonyl substances on non-carbohydrate character showed that the accumulation of these substances is more pronounced during the fermentation at low temperatures (30° - 35° C) than during high temperature fermentation (50° - 70°C). (Author)
(Biological Sciences--Biochemistry, TT, v. 10, no. 7)

61-20584

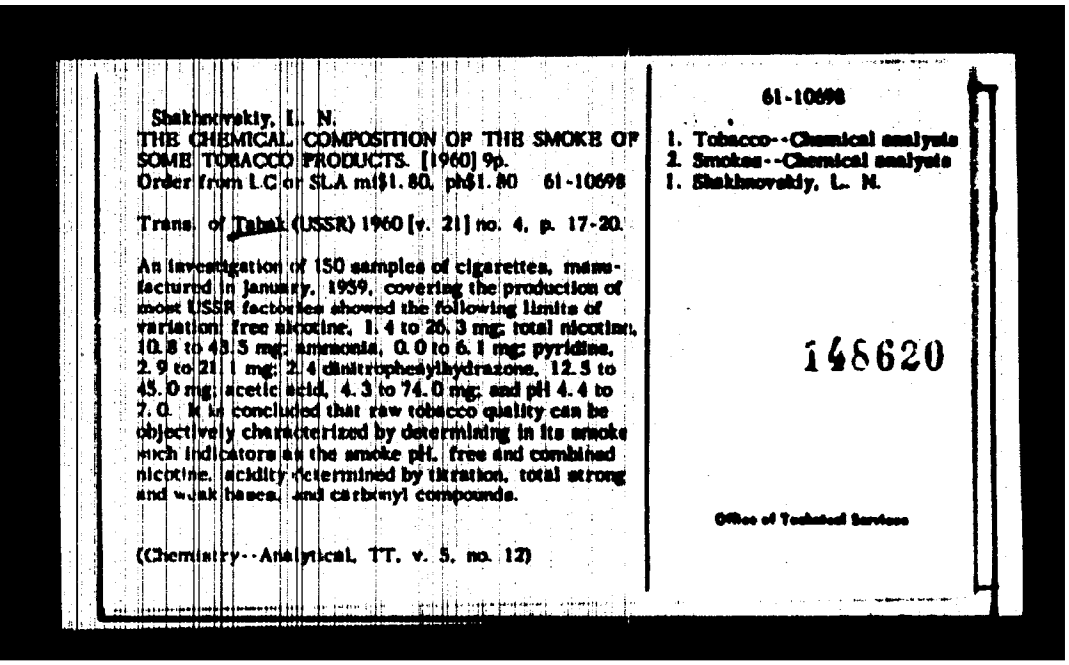
I. Asmaev, P. G.
II. Mokhnachev, I. G.

BB/11C

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4



Shakhnovskiy, I. N.
THE CHEMICAL COMPOSITION OF THE SMOKE OF SOME TOBACCO PRODUCTS. [1960] 9p.
Order from L.C. or SLA mi$1.80, ph$1.80 61-10698

Trans. of Tabak (USSR) 1960 [v. 21] no. 4, p. 17-20.

An investigation of 150 samples of cigarettes, manufactured in January, 1959, covering the production of most USSR factories showed the following limits of variation: free nicotine, 1.4 to 26.3 mg; total nicotine, 10.8 to 43.5 mg; ammonia, 0.0 to 6.1 mg; pyridine, 2.9 to 21.1 mg; 2,4 dinitrophenylhydrazone, 12.5 to 45.0 mg; acetic acid, 4.3 to 74.0 mg; and pH 4.4 to 7.0. It is concluded that raw tobacco quality can be objectively characterized by determining in its smoke such indicators as the smoke pH, free and combined nicotine, acidity determined by titration, total strong and weak bases, and carbonyl compounds.

(Chemistry--Analytical, TT. v. 5, no. 12)

61-10698

1. Tobacco--Chemical analysis
2. Smokes--Chemical analysis
I. Shakhnovskiy, I. N.

146620

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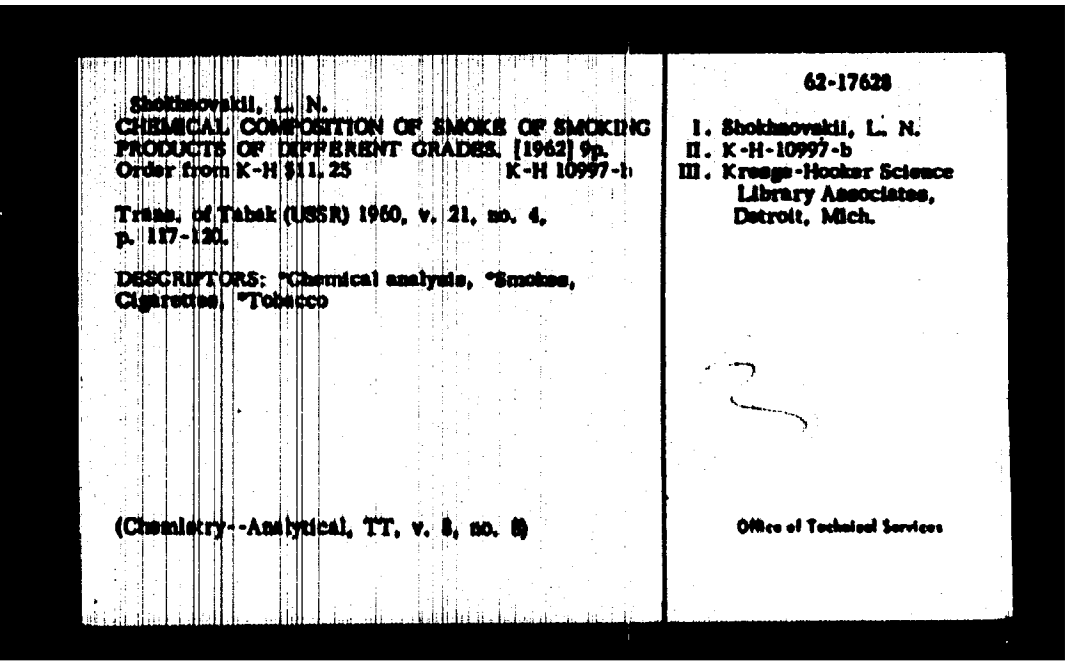
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4



Shokhnovskii, L. N.
CHEMICAL COMPOSITION OF SMOKE OF SMOKING PRODUCTS OF DIFFERENT GRADES. [1962] 9p.
Order from K-H $11.25 K-H 10997-b

Trans. of Tabak (USSR) 1960, v. 21, no. 4, p. 117-120.

DESCRIPTORS: *Chemical analysis, *Smokes, Cigarettes, *Tobacco

(Chemistry--Analytical, TT, v. 8, no. 8)

62-17628

I. Shokhnovskii, L. N.
II. K-H-10997-b
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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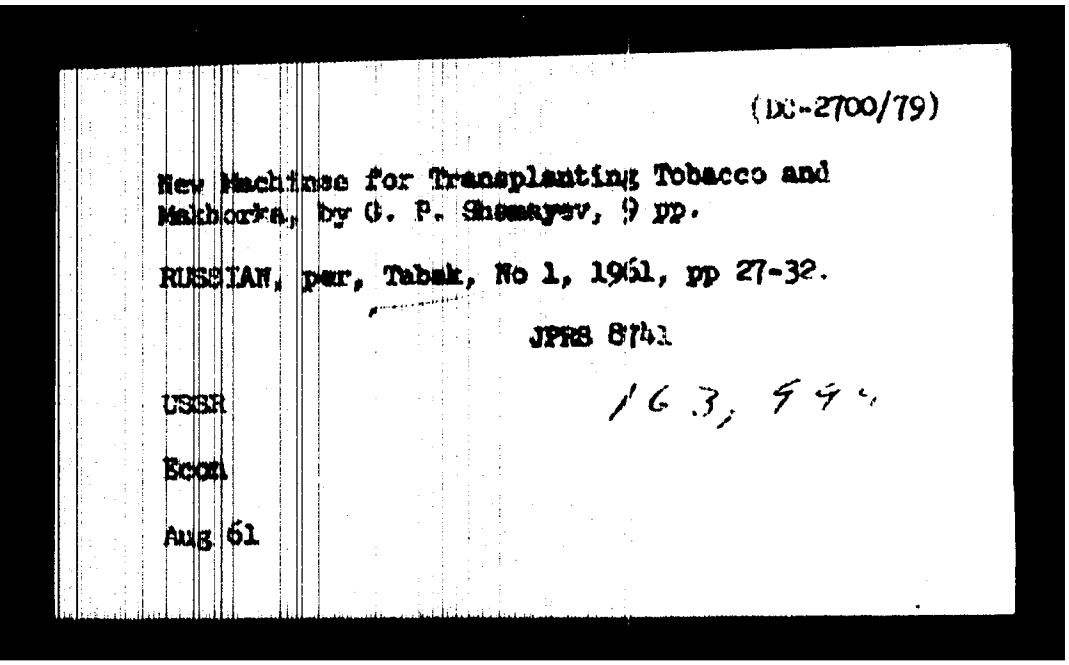

(DC-2700/79)

New Machines for Transplanting Tobacco and Makhorka, by G. P. Shemayev, 9 pp.

RUSSIAN, per, Tabak, No 1, 1961, pp 27-32.

JPRS 8743

163, 54

USSR

Econ

Aug 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

(DC-2700/79).

The SMNB-4 Transplanting Machine, by A. N. Dobyshev, et al, 2 pp

RUSSIAN, per, Tabak, No 1, 1961, pp 33-34.

JPRS 7141

USSR

Econ - Technological, Farm Machinery

27 Apr 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

(NY-6501)

Rainsing the Raw-Material Base of the Tobacco Industry to Meet Rising Needs, 7 pp.

RUSSIAN, per, Tabak, Vol XXII, No 3, 1961, pp 42-45.

JPRS 11210

7

17 E, 135

USSR
Econ
Dec 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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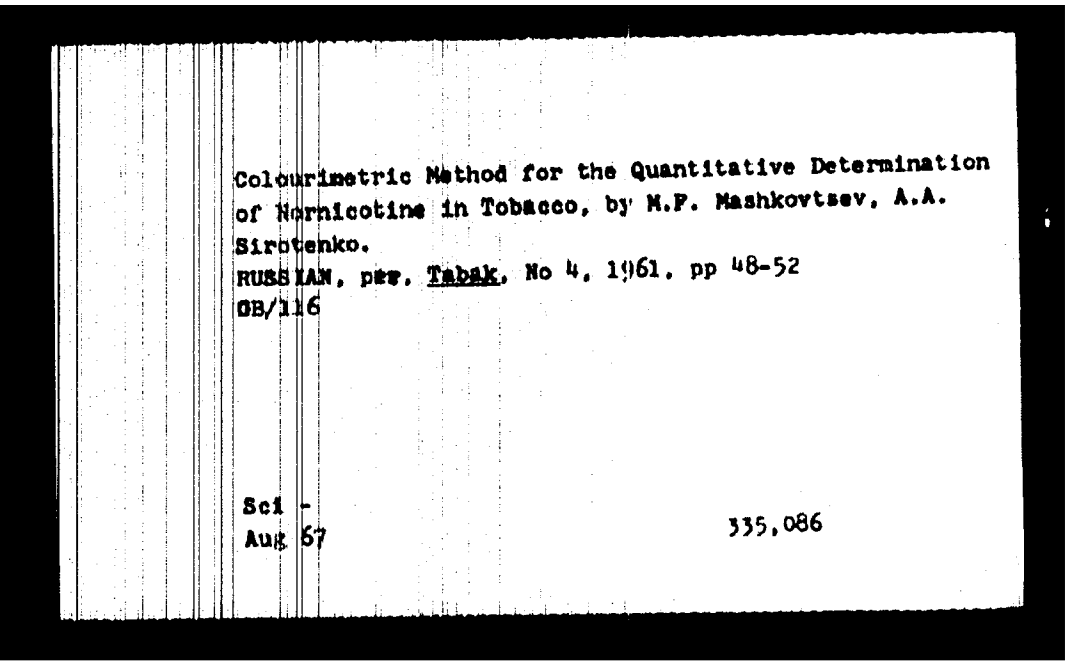

Colourimetric Method for the Quantitative Determination of Nornicotine in Tobacco, by M.P. Mashkovtsev, A.A. Sirotenko.
RUSSIAN, per. Tabak, No 4, 1961, pp 48-52
OB/116

Sci -
Aug 67

335,086

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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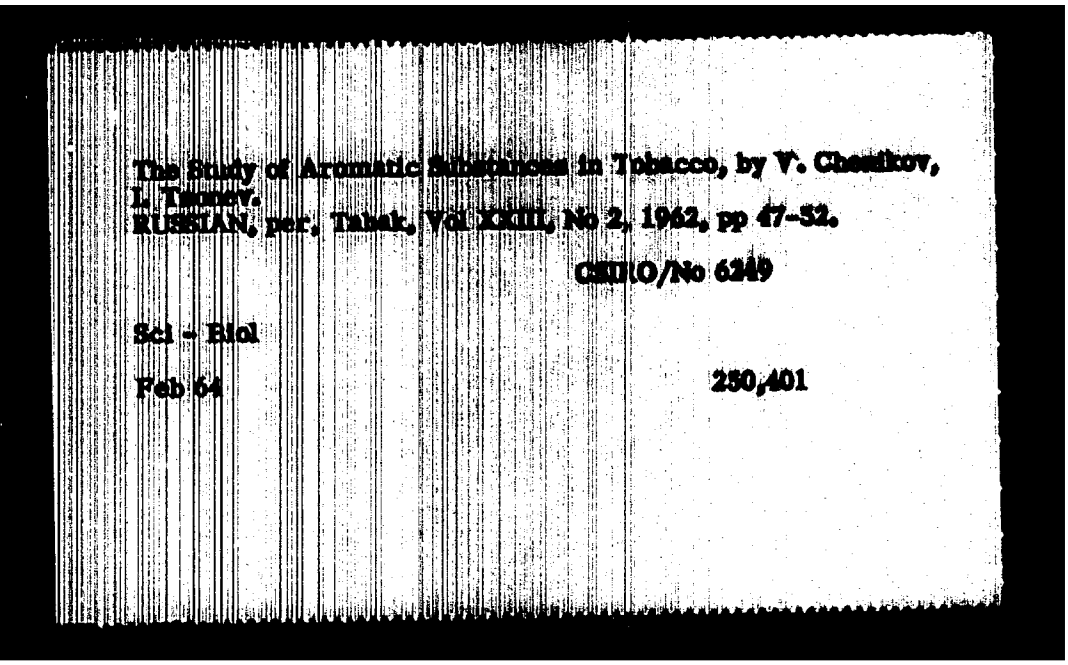
The Study of Aromatic Substances in Tobacco, by V. Chemikov, I. Tarnev.
RUSSIAN, per. Tabak. Vol XXIII, No 2, 1962, pp 47-52.
CSIRO/No 6249
Sci - Biol
Feb 64
250,401

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Chenikov, V. V. and Tsonev, L. K.
INVESTIGATION OF THE AROMATIC SUBSTANCES OF TOBACCO [1962] 7p. 8 refs.
Order from OTS or SLA $1.10 63-10669

Trans. of Tabak (USSR) 1962, v. 23, no. 3, p. 49-53.

DESCRIPTORS: *Tobacco, *Odors, Smokes, Smell

The aromatic properties of tobacco depend principally on the carbonyl-alcoholic fraction of the benzene extract from tobacco. This fraction probably consists of five high molecular weight substances, insoluble in syrupy phosphoric acid and non-volatile with steam. It is very probable that one of these substances is an aldehyde, three of them are ketones containing the phenanthrene nucleus in their molecules, and one is a high molecular weight monohydric unsaturated primary or secondary alcohol. (Author)
(Chemistry--Analytical, TT. v. 9, no. 11)

63-10669

I. Chenikov, V. V.
II. Tsonev, L. K.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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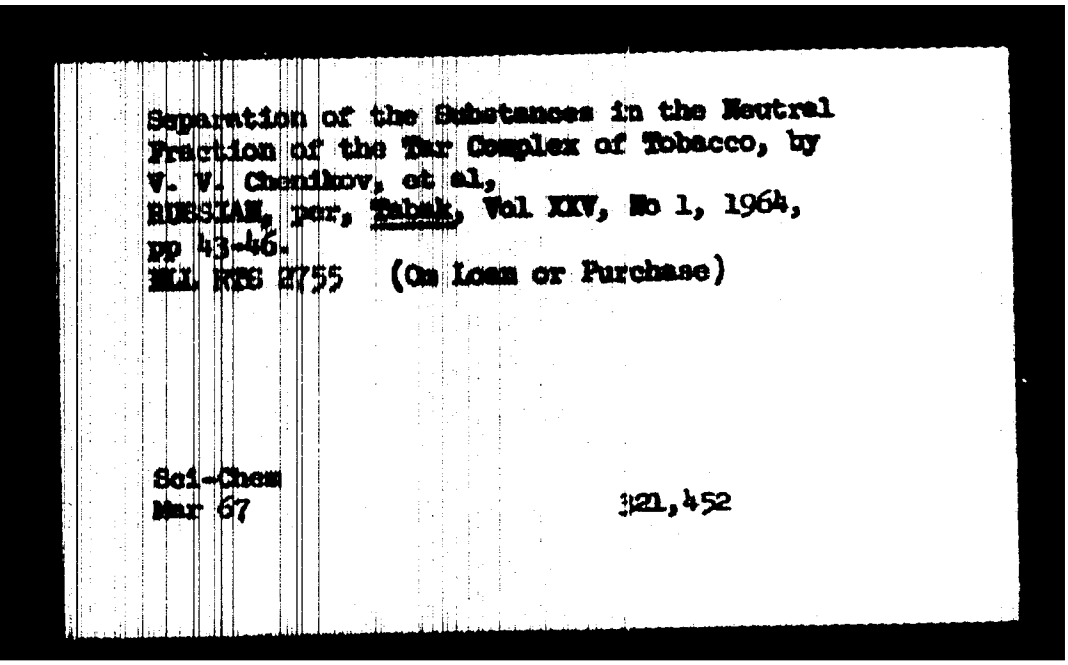

Separation of the Substances in the Neutral Fraction of the Tar Complex of Tobacco, by V. V. Chemikov, et al, RUSSIAN, per, Tabak, Vol XXV, No 1, 1964, pp 43-46.
MLL RRS 2755 (On Loan or Purchase)

Sci-Chem
Mar 67

321,452

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Equipment for the Continuous Fermentation of Tobacco, by A. M. Koliesev.
RUSSIAN, por. Tabak, Vol 25, 1964, pp 48-53.
AID-[illegible]
ATS-[illegible] NLL/RTS 2755-10s 0d
905s1R

330, 787

Sci - Biol [illegible]
Jul 67

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

Investigation of the Properties of the Neutral Fraction of the Tar Complex of Tobacco, by V. V. Chemikov, et al, RUSSIAN, per, Tabak, Vol XXV, No 2, 1964, pp 57-60.
ML. RTS 2754 (On Loan or Purchase)

Sci-Chem
Mar 67

321,453

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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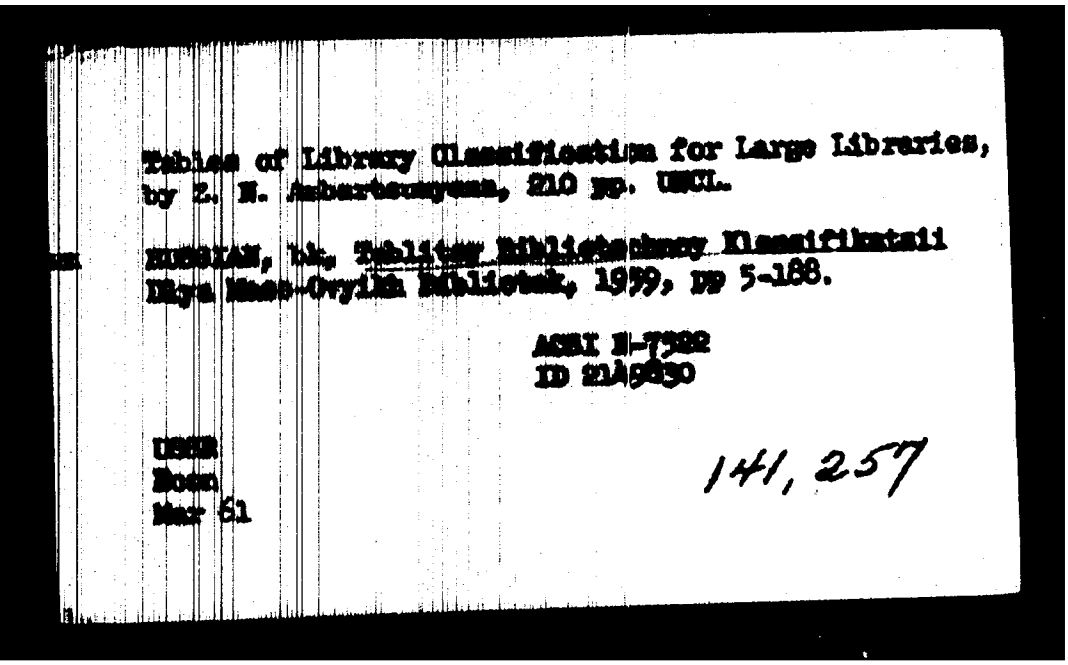

Tables of Library Classification for Large Libraries,
by Z. N. Auberbaumyeva, 210 pp. UNCL.

[illegible], bk. Tablitsy Bibliotechnoy Klassifikatsii
Dlya Bol'shikh Bibliotek, 1959, pp 5-188.

ACSI M-7982
ID 2149830

USSR
Book
Mar 61

141,257

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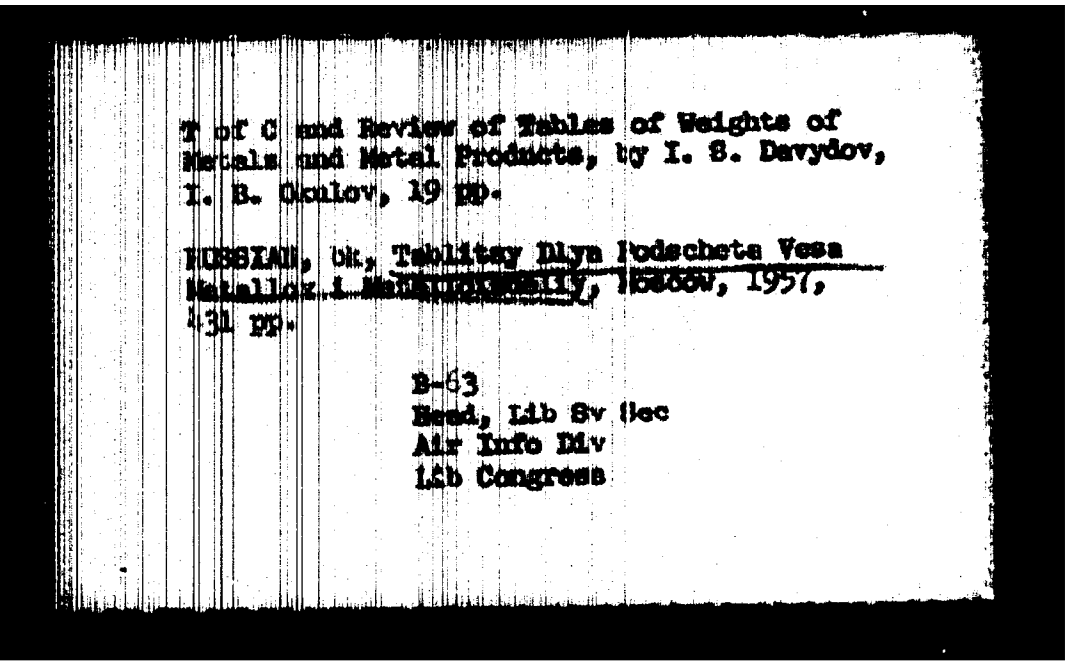

T of C and Review of Tables of Weights of Metals and Metal Products, by I. S. Davydov, I. B. Okulov, 19 pp.

RUSSIAN, bk, Tablitsy Dlya Podschota Vesa Metallov i Metallicheskikh, Moscow, 1957, 430 pp.

B-63
Head, Lib Sv Sec
Air Info Div
Lib Congress

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Tables for the Distribution and Density Functions of "Student's" t-Distribution.

RUSSIAN, mono, Tablitsy Funktsii Raspredeleniya i Plotnostey Raspredeleniya Styudenta, Moscow, 1960.

*Pergamon per OTS

Sci.

Mar 61

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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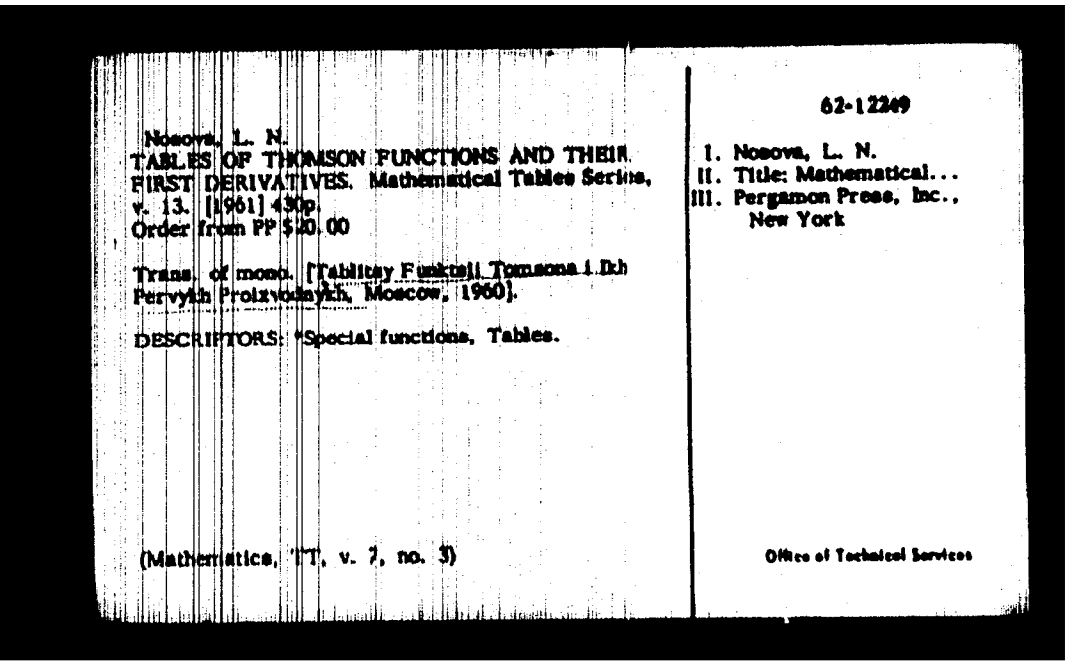

Nosova, L. N.
TABLES OF THOMSON FUNCTIONS AND THEIR FIRST DERIVATIVES. Mathematical Tables Series, v. 13. [1961] 430p.
Order from PP $20.00

Trans. of mono. [Tablitsy Funktsii Tomsona i Ikh Pervykh Proizvodnykh, Moscow, 1960].

DESCRIPTORS: *Special functions, Tables.

(Mathematics, TT, v. 7, no. 3)

62-12249

1. Nosova, L. N.
II. Title: Mathematical...
III. Pergamon Press, Inc., New York

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810067-4

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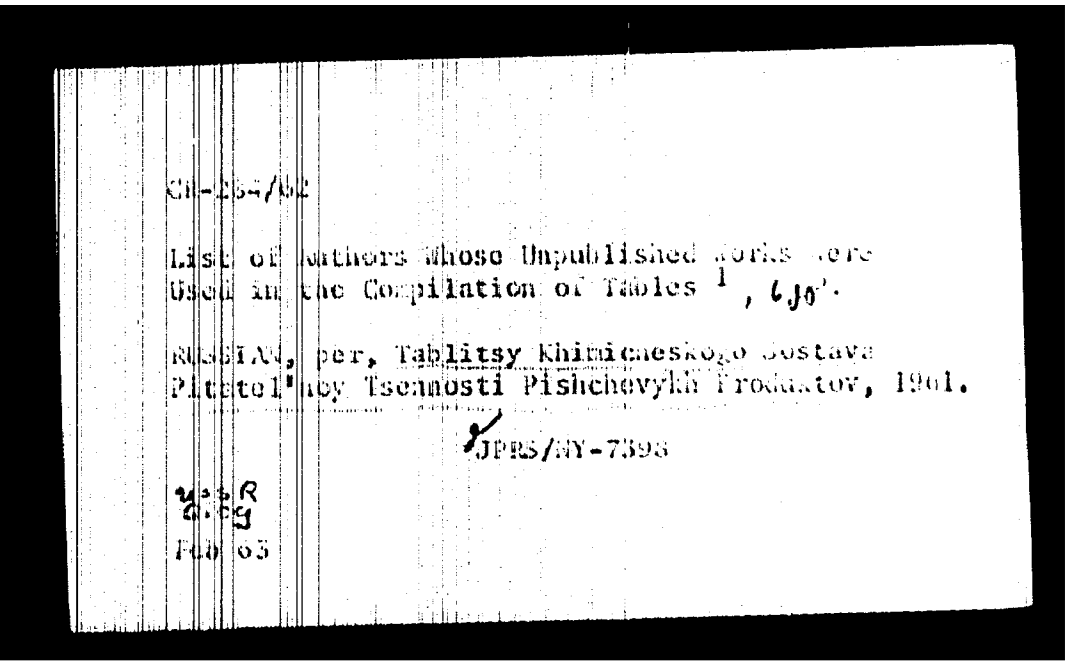

CI-263/62

List of Authors Whose Unpublished Works Were Used in the Compilation of Tables 1, 6, 10.

RUSSIAN, per, Tablitsy Khimicheskogo Sostava Pitatel'noy Tsennosti Pishchevykh Produktov, 1961.

JPRS/NY-7398

USSR
Chem
Feb 63

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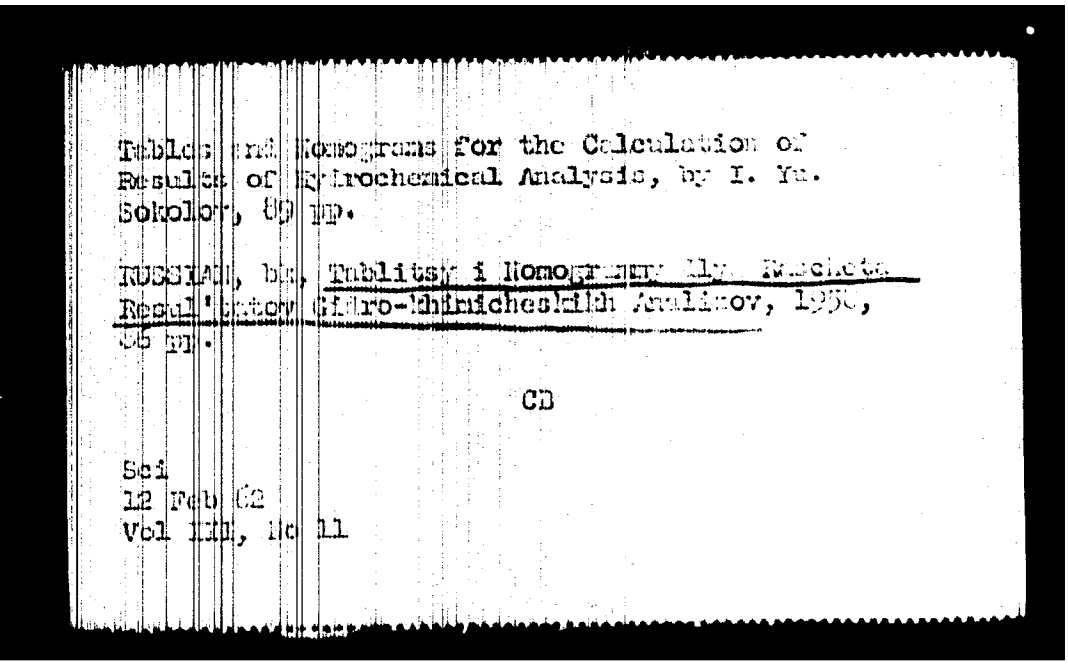

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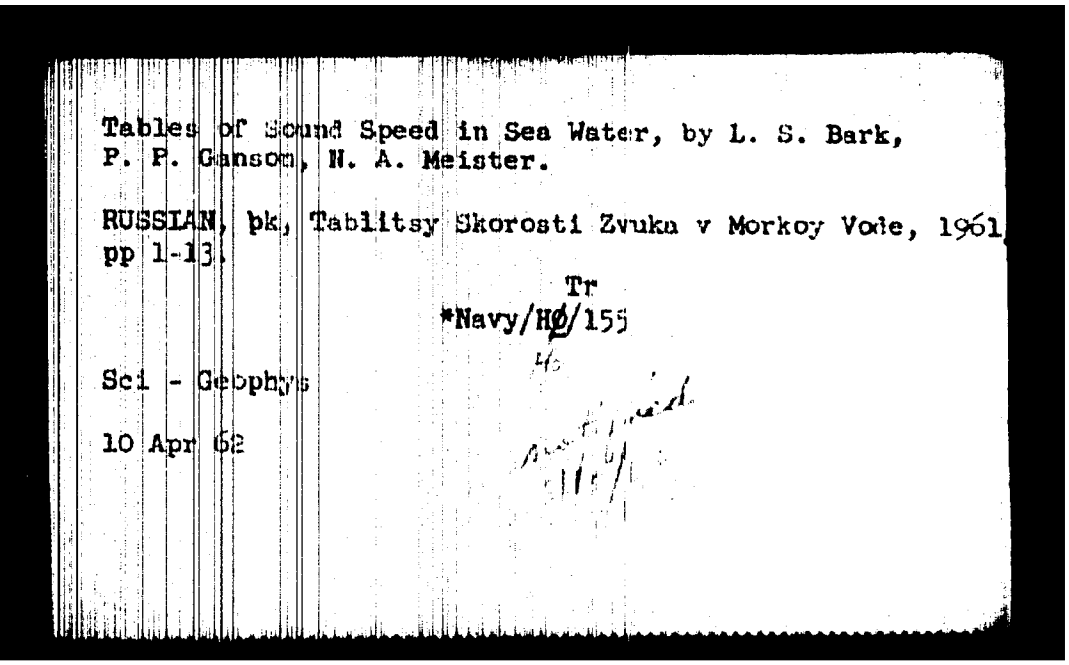

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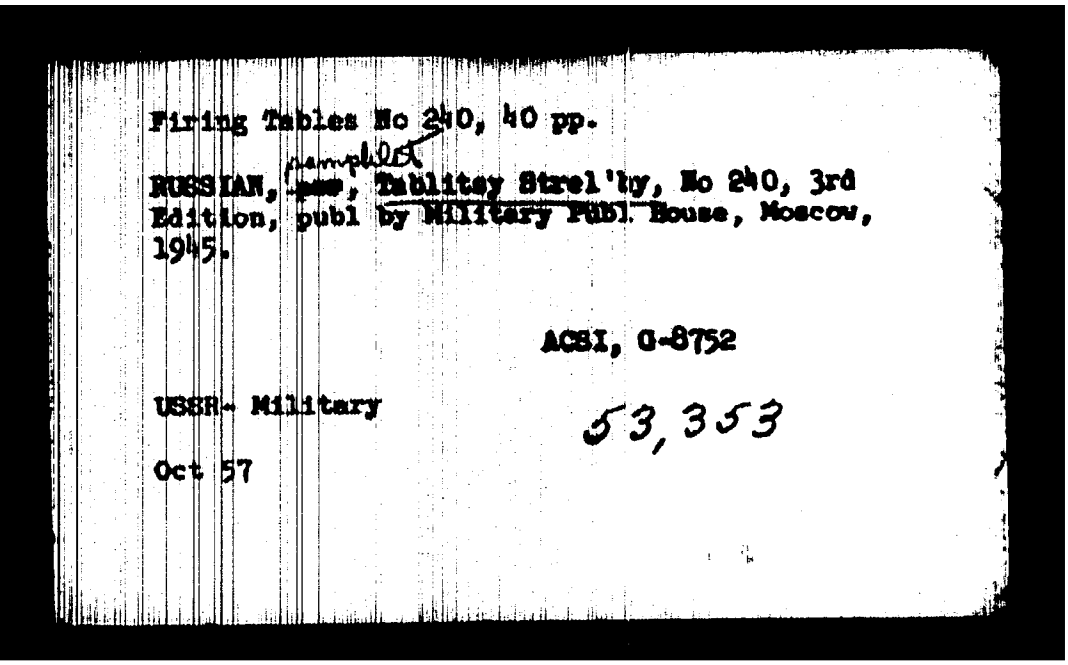

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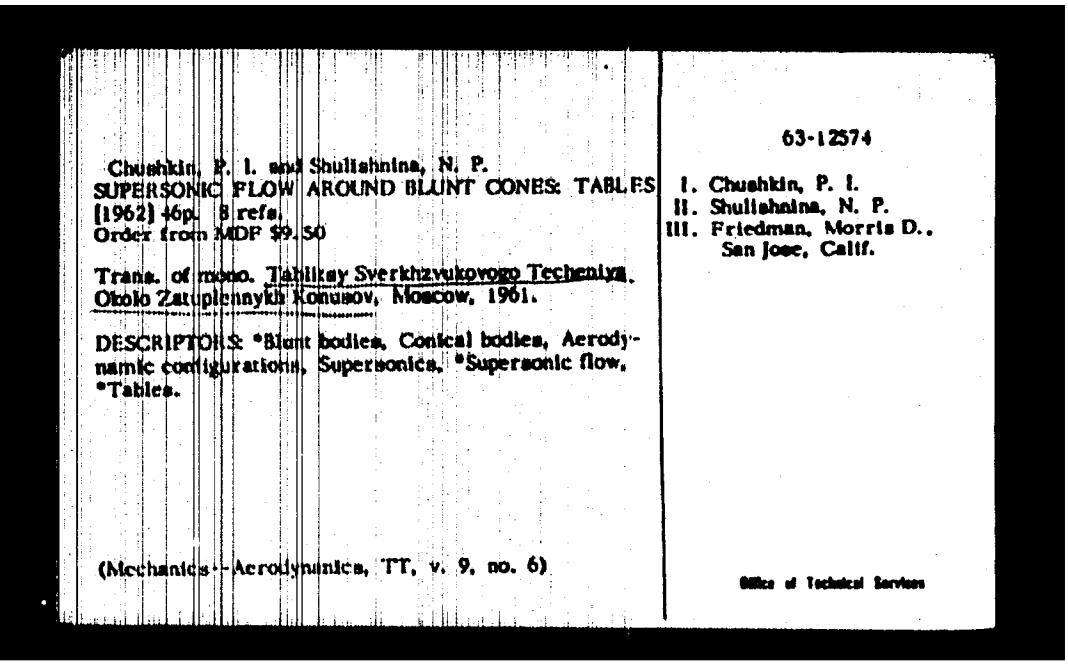

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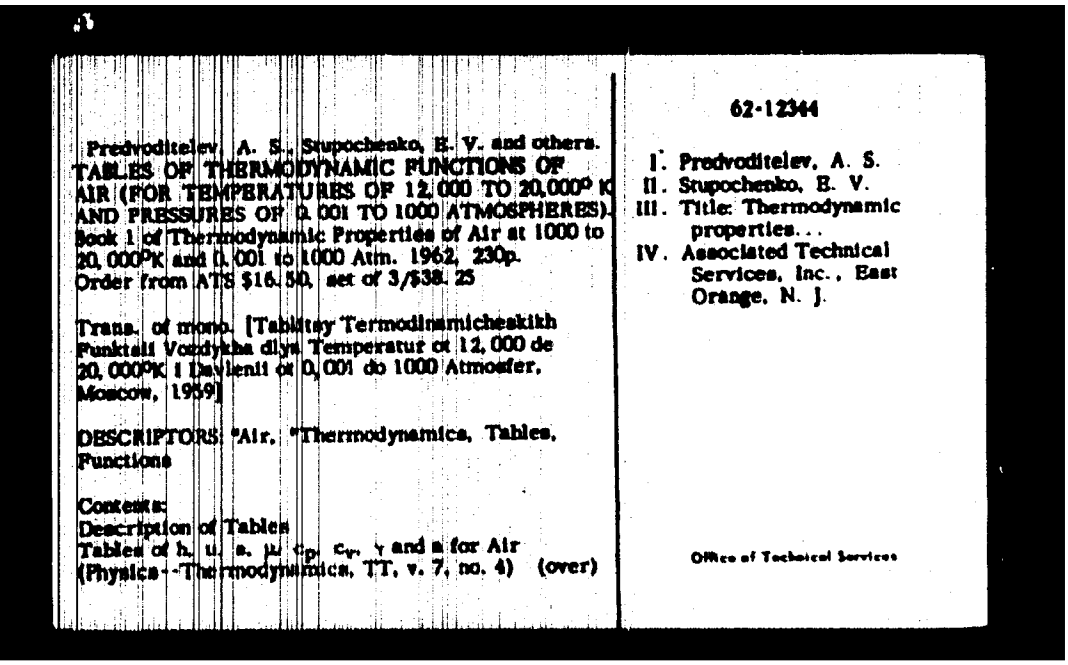

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